

tvstudy v2.2.2
Database: localhost, Study: WOLP, Model: Longley-Rice
Start: 2017.06.29 11:30:13

Study created: 2017.06.29 10:59:59

Study build station data: LMS TV 2017-06-28 (31)

Proposal: WOLP-CD D35 DC BL GRAND RAPIDS, MI
File number: DTVBL167892
Facility ID: 167892
Station data: User record
Record ID: 1054
Country: U.S.

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WCPX-TV	D34	DT	BL	CHICAGO, IL	DTVBL10981	196.6 km
WISE-TV	D34	DT	BL	FORT WAYNE, IN	DTVBL13960	178.2
WBND-LD	D34	LD	LIC	SOUTH BEND, IN	BLDTL20121022ABX	131.5
WCMV	D34	DT	BL	CADILLAC, MI	DTVBL9922	231.8
WKBD-TV	D34	DT	BL	DETROIT, MI	DTVBL51570	181.3
WQRS-TV	D34	DT	BL	MAYVILLE, WI	DTVBL68547	258.7
WGBO-DT	D35	DT	CP	JOLIET, IL	BLANK0000025108	194.6
WGBO-DT	D35	DT	BL	JOLIET, IL	DTVBL12498	194.6
WTVP	D35	DT	BL	PEORIA, IL	DTVBL28311	407.4
WFBN-LD	D35	LD	LIC	ROCKFORD, IL	BLDTT20131212ABL	295.8
NEW	D35	LD	APP	FORT WAYNE, IN	BNPDTL20091218AFM	183.8
WECY-LD	D35	LD	LIC	Indianapolis, IN	BLANK0000001715	299.0
WECY-LD	D35	LD	CP	Indianapolis, IN	BLANK0000002944	299.6
WECY-LD	D35	LD	APP	Indianapolis, IN	BLANK00000015653	315.9
WTWO	D35	DT	BL	TERRE HAUTE, IN	DTVBL20426	414.2
WVIU-LD	D35	LD	CP	CADILLAC, MI	BNPDTL20091211AAU	161.6
WLUC-TV	D35	DT	LIC	MARQUETTE, MI	BLCDT20040202ALY	445.9
WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	231.8
WVIZ	D35	DT	BL	CLEVELAND, OH	DTVBL18753	346.9
WPTD	D35	DT	BL	DAYTON, OH	DTVBL25067	346.1
WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000025171	132.7
WHME-TV	D36	DT	BL	SOUTH BEND, IN	DTVBL36117	132.7
WUHO-LP	N36+	TX	LIC	KALAMAZOO, MI	BLTTL20060103ABT	47.3
WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	132.5
WMVS	D36	LD	LIC	MILWAUKEE, WI	BLEDT20120921AAO	200.2
WMKE-CD	D36	DC	BL	MILWAUKEE, WI	DTVBL35091	200.2
CIII-DT-29D	D35	DT	LIC	SARNIAOIL SPRINGS, ON	BLANKCANADA217	273.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35
Mask: Stringent
Latitude: 42 41 14.70 N (NAD83)
Longitude: 85 30 35.00 W
Height AMSL: 403.0 m
HAAT: 158.6 m
Peak ERP: 14.4 kW
Antenna: Omnidirectional

50.8 dBu contour:

Azimuth ERP HAAT Distance

0.0 deg	14.4 kW	160.2 m	47.5 km
45.0	14.4	160.0	47.5
90.0	14.4	163.4	47.7
135.0	14.4	143.8	46.4
180.0	14.4	170.2	48.1
225.0	14.4	155.8	47.2
270.0	14.4	164.5	47.8
315.0	14.4	151.2	46.9

Proposal service area is within baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 201.6 km

Distance to Mexican border: 2016.0 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 256.1 degrees Distance: 37.6 km
ERP: 14.4 kW Field strength: 59.3 dBu, 0.9 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 266.9 degrees Distance: 1663.3 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%

Interference to DTVBL10981 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL10981 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL10981 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL10981 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL13960 BL, scenario 8
Proposal causes no interference.

Interference to BLDTL20121022ABX LIC, scenario 1
Proposal causes no interference.

Interference to DTVBL9922 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL51570 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL68547 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL68547 BL, scenario 2
Proposal causes no interference.

Interference to BLANK0000025108 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000025108 CP, scenario 2
Proposal causes no interference.

Interference to DTVBL12498 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL12498 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL28311 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL28311 BL, scenario 2
Proposal causes no interference.

Interference to BLDTT20131212ABL LIC, scenario 1
Proposal causes no interference.

Interference to BNPDTL20091218AFM APP, scenario 1
Proposal causes no interference.

Interference to BLANK0000001715 LIC, scenario 1
Proposal causes no interference.

Interference to BLANK0000002944 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000015653 APP, scenario 1
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 13

Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL20426 BL, scenario 16
Proposal causes no interference.

Interference to BNPDTL20091211AAU CP, scenario 1
Proposal causes no interference.

Interference to BLCDT20040202ALY LIC, scenario 1
Proposal causes no interference.

Interference to DTVBL21253 BL, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	
Undesireds:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	231.8 km
	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WCMV	D34	DT	BL	CADILLAC, MI	DTVBL9922	0.0
	WGBO-DT	D35	DT	CP	JOLIET, IL	BLANK0000025108	378.0
	WLUC-TV	D35	DT	LIC	MARQUETTE, MI	BLCDT20040202ALY	279.3
	WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	188.1
	CIII-DT-29D35	DT	LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	324.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26653.2	411,213	25837.0	395,653	25713.0	394,512	25709.0	394,474	0.02	0.01
Undesired		Total IX		Unique IX, before		Unique IX, after			
WOLP-CD D35 DC BL		36.1	177	24.0	130				
WOLP-CD D35 DC BL		40.1	215			28.0	168		
WAQP D36 DT BL		8.0	47	0.0	0	0.0	0		
CIII-DT-29 D35 DT LIC		100.0	1,011	87.9	964	87.9	964		

Interference to DTVBL21253 BL, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	
Undesireds:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	231.8 km
	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WCMV	D34	DT	BL	CADILLAC, MI	DTVBL9922	0.0
	WGBO-DT	D35	DT	BL	JOLIET, IL	DTVBL12498	378.0
	WLUC-TV	D35	DT	LIC	MARQUETTE, MI	BLCDT20040202ALY	279.3
	WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	188.1
	CIII-DT-29D35	DT	LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	324.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26653.2	411,213	25837.0	395,653	25713.0	394,512	25709.0	394,474	0.02	0.01
Undesired		Total IX		Unique IX, before		Unique IX, after			
WOLP-CD D35 DC BL		36.1	177	24.0	130				
WOLP-CD D35 DC BL		40.1	215			28.0	168		

WAQP D36 DT BL	8.0	47	0.0	0	0.0	0
CIIII-DT-29 D35 DT LIC	100.0	1,011	87.9	964	87.9	964

Interference to DTVBL18753 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL18753 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 8

Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 17
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 18
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 19
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 20
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 21
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 22
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 23
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 24
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 25
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 26
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 27
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 28
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 29
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 30
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 31
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 32
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 33
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 34
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 35
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 36
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 37
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 38
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 39
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 40
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 41
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 42
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 43
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 44
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 45
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 46
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 47
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 48
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 49
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 50
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 51
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 52
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 53
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 54
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 55
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 56
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 57
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 58
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 59
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 60
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 61
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 62
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 63
Proposal causes no interference.

Interference to DTVBL25067 BL, scenario 64
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 2
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 3
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 4
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 5
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 6
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 7
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 8
Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 9

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 10

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 11

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 12

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 13

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 14

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 15

Proposal causes no interference.

Interference to BLANK0000025171 CP, scenario 16

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 1

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 2

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 3

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 4

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 5

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 6

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 7

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 8

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 9

Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL36117 BL, scenario 16
Proposal causes no interference.

Interference to BLTTL20060103ABT LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUHO-LP	N36+	TX	LIC	KALAMAZOO, MI	BLTTL20060103ABT	
Undesireds:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	47.2 km
	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	47.3
	WBXI-CD	D36	DC	APP	INDIANAPOLIS, IN	BLANK0000025132	281.7
	WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000025171	86.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
806.5 226,879	794.5 226,509	566.6 198,306	566.6 198,306	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WOLP-CD D35 DC BL	4.0 142	4.0 142	
WOLP-CD D35 DC BL	4.0 142		4.0 142
WHME-TV D36 DT CP	223.8 28,061	223.8 28,061	223.8 28,061

Interference to DTVBL67792 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL67792 BL, scenario 8
Proposal causes no interference.

Interference to BLEDT20120921AAO LIC, scenario 1
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL35091 BL, scenario 8
Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 1
Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 2
Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 3
Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 4

Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 5

Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 6

Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 7

Proposal causes no interference.

Interference to BLANKCANADA217 LIC, scenario 8

Proposal causes no interference.

Interference to proposal, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	
Undesireds:	WGBO-DT	D35	DT	CP	JOLIET, IL	BLANK0000025108	194.6 km
	WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	231.8
	WVIZ	D35	DT	BL	CLEVELAND, OH	DTVBL18753	346.9
	WPTD	D35	DT	BL	DAYTON, OH	DTVBL25067	346.1
	WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000025171	132.7
	WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	132.5
	CIII-DT-29D	35	DT	LIC	SARNIAOIL SPRINGS, ON	BLANKCANADA217	273.1

	Service area		Terrain-limited		IX-free		Percent IX
7039.0	995,578	7035.0	995,401	7031.0	995,033	0.06	0.04

Undesired			Total IX		Unique IX		Prcnt Unique IX
WPBN-TV	D35	DT	BL	4.0	368	4.0	368
						0.06	0.04

Interference to proposal, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	
Undesireds:	WGBO-DT	D35	DT	CP	JOLIET, IL	BLANK0000025108	194.6 km
	WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	231.8
	WVIZ	D35	DT	BL	CLEVELAND, OH	DTVBL18753	346.9
	WPTD	D35	DT	BL	DAYTON, OH	DTVBL25067	346.1
	WHME-TV	D36	DT	BL	SOUTH BEND, IN	DTVBL36117	132.7
	WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	132.5
	CIII-DT-29D	35	DT	LIC	SARNIAOIL SPRINGS, ON	BLANKCANADA217	273.1

	Service area		Terrain-limited		IX-free		Percent IX
7039.0	995,578	7035.0	995,401	7031.0	995,033	0.06	0.04

Undesired			Total IX		Unique IX		Prcnt Unique IX
WPBN-TV	D35	DT	BL	4.0	368	4.0	368
						0.06	0.04

Interference to proposal, scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	
Undesireds:	WGBO-DT	D35	DT	BL	JOLIET, IL	DTVBL12498	194.6 km

WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	231.8
WVIZ	D35	DT	BL	CLEVELAND, OH	DTVBL18753	346.9
WPTD	D35	DT	BL	DAYTON, OH	DTVBL25067	346.1
WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000025171	132.7
WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	132.5
CIII-DT-29D35	DT	LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	273.1

Service area	Terrain-limited			IX-free		Percent IX	
7039.0	995,578	7035.0	995,401	7031.0	995,033	0.06	0.04

Undesired	Total IX			Unique IX		Prcnt Unique IX	
WPBN-TV D35 DT BL	4.0	368	4.0	368	0.06	0.04	

Interference to proposal, scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	
Undesireds:	WGBO-DT	D35	DT	BL	JOLIET, IL	DTVBL12498	194.6 km
	WPBN-TV	D35	DT	BL	TRAVERSE CITY, MI	DTVBL21253	231.8
	WVIZ	D35	DT	BL	CLEVELAND, OH	DTVBL18753	346.9
	WPTD	D35	DT	BL	DAYTON, OH	DTVBL25067	346.1
	WHME-TV	D36	DT	BL	SOUTH BEND, IN	DTVBL36117	132.7
	WAQP	D36	DT	BL	SAGINAW, MI	DTVBL67792	132.5
	CIII-DT-29D35	DT	LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	273.1

Service area	Terrain-limited			IX-free		Percent IX	
7039.0	995,578	7035.0	995,401	7031.0	995,033	0.06	0.04

Undesired	Total IX			Unique IX		Prcnt Unique IX	
WPBN-TV D35 DT BL	4.0	368	4.0	368	0.06	0.04	