

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: W42EJ-MOD\_ALP-W, Model: Longley-Rice

Start: 2019.04.29 13:17:24

Study created: 2019.04.29 13:17:24

Study build station data: LMS TV 2019-04-28

Proposal: W42EJ-D D35 LD CP MIDLAND, MI

File number: W42EJ-MOD\_ALP-W

Facility ID: 184496

Station data: User record

Record ID: 1969

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Search options:

Non-U.S. records included

All records for new LPTV stations excluded

Individual records excluded:

0000052690 W42EJ-D D35 LD CP MIDLAND, MI BLANK0000052690

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WFHD-LP	N27z	TX	LIC	ANN ARBOR, MI	BLTT20000925AAY	103.6 km

No	WBWM-LP	N32z	TX LIC	MOUNT PLEASANT, MI	BLTTL20001220ABG	106.8
No	WISE-TV	D34	DT LIC	FORT WAYNE, IN	BLANK0000064330	268.9
No	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	210.2
Yes	WKBD-TV	D34	DT CP	DETROIT, MI	BLANK0000058478	82.1
No	WIEK-LD	D34	LD CP	MIDLAND, MI	BLANK0000052615	97.4
No	W24DL-D	D34	LD CP	SAGINAW, MI	BLANK0000051774	68.6
No	WQHS-DT	D34	DT LIC	CLEVELAND, OH	BLCDT20031030AGJ	253.2
No	WGBO-DT	D35	DT CP	JOLIET, IL	BLANK0000064403	362.9
No	WLPD-CD	D35	DC LIC	PLANO, IL	BLANK0000034510	400.1
No	WBND-LD	D35	LD CP	SOUTH BEND, IN	BLANK0000054331	278.4
No	WNIT	D35	DT LIC	SOUTH BEND, IN	BLEDT20110516ADN	278.7
No	WVIU-LD	D35	LD CP	CADILLAC, MI	BNPDTL20091211AAU	177.2
No	WTOM-TV	D35	DT LIC	CHEBOYGAN, MI	BLCDT20040420AAI	279.4
Yes	WUDL-LD	D35	LD CP	DETROIT, MI	BLANK0000051628	89.3
No	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	168.7
Yes	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	210.2
No	WLWT	D35	DT LIC	CINCINNATI, OH	BLCDT20050502ABC	460.1
No	WVIZ	D35	DT CP	CLEVELAND, OH	BLANK0000034584	253.5
No	WPTD	D35	DT CP	DAYTON, OH	BLANK0000026763	390.9
No	WNHO-LP	D35-	LD CP	DEFIANCE, OH	BLANK0000067743	226.7
No	WOHL-CD	D35	DC LIC	LIMA, OH	BLDTA20090817ACL	276.7
No	WODR-LD	D35	LD CP	WAUSAU, WI	BLANK0000052689	376.7
No	WTAP-TV	D35	DT CP	PARKERSBURG, WV	BLANK0000025208	459.1
No	WFFT-TV	D36	DT LIC	FORT WAYNE, IN	BLCDT20090521AAQ	268.7
No	W36FA-D	D36	LD LIC	HESPERIA, MI	BLANK0000067768	204.4
Yes	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	40.2
No	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	253.2
No	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	171.9
No	CHCJ-DT	D35	DT LIC	HAMILTON, ON	BLANKCANADA174	299.6

No CIII-DT-29D35 DT LIC SARNIAOIL SPRINGS, ON BLANKCANADA217 125.0

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: Full Service

Latitude: 43 12 0.00 N (NAD83)

Longitude: 83 33 30.00 W

Height AMSL: 343.8 m

HAAT: 0.0 m

Peak ERP: 7.00 kW

Antenna: ERI ALP-W 140.0 deg

Elev Pattn: Generic

Elec Tilt: 1.25

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.82 kW	125.4 m	34.6 km
45.0	5.46	90.1	36.8
90.0	6.44	87.6	37.3
135.0	6.90	94.9	38.5
180.0	6.04	107.7	39.3
225.0	6.30	106.2	39.4
270.0	2.56	116.5	35.7
315.0	0.427	131.2	27.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 107 m

\*\*Proposal 25.77 dBu contour crosses Canadian border, coordination required

Distance to Canadian border: 94.6 km

Distance to Mexican border: 2175.4 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 252.1 degrees    Distance: 206.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 266.7 degrees    Distance: 1825.0 km

Study cell size: 0.50 km

Profile point spacing: 0.10 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 BLANK0000058478 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired: WKBD-TV D34 DT CP DETROIT, MI BLANK0000058478

Undesireds: W42EJ-D D35 LD CP MIDLAND, MI W42EJ-MOD\_ALP-W 82.1 km

WKAR-TV	D33	DT	BL	EAST LANSING, MI	DTVBL6104	93.3
WCPX-TV	D34	DT	CP	CHICAGO, IL	BLANK0000034347	362.3
WISE-TV	D34	DT	LIC	FORT WAYNE, IN	BLANK0000064330	218.3
WCMV	D34	DT	CP	CADILLAC, MI	BLANK0000029577	288.7
WKBW-TV	D34	DT	CP	BUFFALO, NY	BLANK0000034829	384.5
WKEF	D34	DT	CP	DAYTON, OH	BLANK0000034522	316.7
WVIZ	D35	DT	CP	CLEVELAND, OH	BLANK0000034584	181.4
CIII-DT-29	D35	DT	LIC	SARNIA OIL SPRINGS, ON	BLANKCANADA217	97.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
16021.3	5,066,027	16006.8	5,065,684	15876.1	5,054,929	15855.7	5,052,569	0.13	0.05
4753.1	425,167	4753.1	425,167	4748.9	425,167	4748.9	425,167	0.00	0.00 (in Canada)

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	23.0	2,488	20.3 2,360
WKAR-TV D33 DT BL	82.2	4,237 77.0	3,651 77.0 3,651
WISE-TV D34 DT LIC	39.5	1,704 28.9	885 28.6 885
WCMV D34 DT CP	7.4	506 3.9	402 2.0 378
WKEF D34 DT CP	4.0	149 0.5	20 0.5 20
CIII-DT-29 D35 DT LIC	9.8	4,978 9.8	4,978 9.8 4,978
CIII-DT-29 D35 DT LIC	4.2	0 4.2	0 4.2 0 (in Canada)

Interference to BLANK0000058478 CP scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKBD-TV	D34	DT CP	DETROIT, MI	BLANK0000058478	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	82.1 km
	WKAR-TV	D33	DT BL	EAST LANSING, MI	DTVBL6104	93.3
	WCPX-TV	D34	DT CP	CHICAGO, IL	BLANK0000034347	362.3
	WISE-TV	D34	DT LIC	FORT WAYNE, IN	BLANK0000064330	218.3
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	288.7
	WKBW-TV	D34	DT CP	BUFFALO, NY	BLANK0000034829	384.5
	WKEF	D34	DT BL	DAYTON, OH	DTVBL73155	316.7
	WVIZ	D35	DT CP	CLEVELAND, OH	BLANK0000034584	181.4
	CIII-DT-29D35	DT LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	97.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
16021.3	5,066,027	16006.8	5,065,684	15876.1
5,054,929	15855.7	5,052,569	0.13	0.05
4753.1	425,167	4753.1	425,167	4748.9
425,167	4748.9	425,167	0.00	0.00 (in Canada)

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	23.0	2,488	20.3 2,360
WKAR-TV D33 DT BL	82.2	4,237	77.0 3,651 77.0 3,651
WISE-TV D34 DT LIC	39.5	1,704	30.1 960 29.9 960
WCMV D34 DT CP	7.4	506	3.9 402 2.0 378
WKEF D34 DT BL	2.7	74	0.5 20 0.5 20
CIII-DT-29 D35 DT LIC	9.8	4,978	9.8 4,978 9.8 4,978
CIII-DT-29 D35 DT LIC	4.2	0	4.2 0 4.2 0 (in Canada)

Interference to BLANK0000058478 CP scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKBD-TV	D34	DT CP	DETROIT, MI	BLANK0000058478	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	82.1 km
	WKAR-TV	D33	DT BL	EAST LANSING, MI	DTVBL6104	93.3
	WCPX-TV	D34	DT CP	CHICAGO, IL	BLANK0000034347	362.3
	WISE-TV	D34	DT LIC	FORT WAYNE, IN	BLANK0000064330	218.3
	WCMV	D34	DT BL	CADILLAC, MI	DTVBL9922	288.7
	WKBW-TV	D34	DT CP	BUFFALO, NY	BLANK0000034829	384.5
	WKEF	D34	DT CP	DAYTON, OH	BLANK0000034522	316.7
	WVIZ	D35	DT CP	CLEVELAND, OH	BLANK0000034584	181.4
	CIII-DT-29D35	DT LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	97.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
16021.3	5,066,027	16006.8	5,065,684	15877.0 5,054,953 15856.0 5,052,569 0.13 0.05
4753.1	425,167	4753.1	425,167	4748.9 425,167 4748.9 425,167 0.00 0.00 (in Canada)

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	23.0	2,488	21.1 2,384
WKAR-TV D33 DT BL	82.2	4,237 77.0	3,651 77.0 3,651
WISE-TV D34 DT LIC	39.5	1,704 28.9	885 28.6 885
WCMV D34 DT BL	5.9	482 2.9	378 1.7 378
WKEF D34 DT CP	4.0	149 0.5	20 0.5 20
CIII-DT-29 D35 DT LIC	9.8	4,978 9.8	4,978 9.8 4,978
CIII-DT-29 D35 DT LIC	4.2	0 4.2	0 4.2 0 (in Canada)

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Interference to BLANK0000058478 CP scenario 4

Call	Chan	Svc	Status	City, State	File Number	Distance			
Desired:	WKBD-TV	D34	DT CP	DETROIT, MI	BLANK0000058478				
Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	82.1 km			
	WKAR-TV	D33	DT BL	EAST LANSING, MI	DTVBL6104	93.3			
	WCPX-TV	D34	DT CP	CHICAGO, IL	BLANK0000034347	362.3			
	WISE-TV	D34	DT LIC	FORT WAYNE, IN	BLANK0000064330	218.3			
	WCMV	D34	DT BL	CADILLAC, MI	DTVBL9922	288.7			
	WKBW-TV	D34	DT CP	BUFFALO, NY	BLANK0000034829	384.5			
	WKEF	D34	DT BL	DAYTON, OH	DTVBL73155	316.7			
	WVIZ	D35	DT CP	CLEVELAND, OH	BLANK0000034584	181.4			
	CIII-DT-29D35	DT LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	97.4			
Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
16021.3	5,066,027	16006.8	5,065,684	15877.0	5,054,953	15856.0	5,052,569	0.13	0.05
4753.1	425,167	4753.1	425,167	4748.9	425,167	4748.9	425,167	0.00	0.00 (in Canada)

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	23.0	2,488	21.1 2,384
WKAR-TV D33 DT BL	82.2	4,237 77.0	3,651 77.0 3,651
WISE-TV D34 DT LIC	39.5	1,704 30.1	960 29.9 960
WCMV D34 DT BL	5.9	482 2.9	378 1.7 378
WKEF D34 DT BL	2.7	74 0.5	20 0.5 20
CIII-DT-29 D35 DT LIC	9.8	4,978 9.8	4,978 9.8 4,978
CIII-DT-29 D35 DT LIC	4.2	0 4.2	0 4.2 0 (in Canada)



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Interference to BLANK0000051628 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUDL-LD	D35	LD CP	DETROIT, MI	BLANK0000051628	
Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	89.3 km
	WKBD-TV	D34	DT CP	DETROIT, MI	BLANK0000058478	12.1
	WVIZ	D35	DT CP	CLEVELAND, OH	BLANK0000034584	170.3
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	112.0
	CIII-DT-29D35	DT	LIC	SARNIAOIL SPRINGS, ON	BLANKCANADA217	87.9

  

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3492.0	2,819,344	3483.1	2,817,039	2841.2
2,385,984	2836.8	2,384,924	0.16	0.04
83.7	32,947	83.7	32,947	63.1
15,382	63.1	15,382	0.00	0.00 (in Canada)

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	21.2	6,747	4.4 1,060
WKBD-TV D34 DT CP	585.6	388,467	423.6 179,577 417.0 177,570
WKBD-TV D34 DT CP	20.6	17,565	20.1 16,615 20.1 16,615 (in Canada)
WVIZ D35 DT CP	2.5	388	0.5 64 0.2 64
WAQP D36 DT CP	0.2	0	0.0 0 0.0 0
CIII-DT-29 D35 DT LIC	217.2	251,414	55.5 42,354 52.1 40,995
CIII-DT-29 D35 DT LIC	0.5	950	0.0 0 0.0 0 (in Canada)

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Interference to BLANK0000034373 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired: WPBN-TV D35 DT CP TRAVERSE CITY, MI BLANK0000034373

Undesireds: W42EJ-D D35 LD CP MIDLAND, MI W42EJ-MOD\_ALP-W 210.2 km

WCMV D34 DT CP CADILLAC, MI BLANK0000029577 0.0

WGBO-DT D35 DT CP JOLIET, IL BLANK0000064403 378.1

WOLP-CD D35 DC CP GRAND RAPIDS, MI BLANK0000027729 231.8

WLUC-TV D35 DT APP MARQUETTE, MI BLANK0000036029 279.3

WAQP D36 DT CP SAGINAW, MI BLANK0000034899 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
30304.4	442,115	29015.9	426,513	28817.2
		421,610	28817.0	421,610
		0.00		0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WGBO-DT D35 DT CP	10.2	91	5.0
WOLP-CD D35 DC CP	46.0	990	21.4
WLUC-TV D35 DT APP	10.4	0	10.4
WAQP D36 DT CP	43.2	1,426	30.5
CIII-DT-29 D35 DT LIC	123.4	3,132	104.0

Interference to BLANK0000034373 CP scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373

Undesireds: W42EJ-D D35 LD CP MIDLAND, MI W42EJ-MOD\_ALP-W 210.2 km

WCMV D34 DT CP CADILLAC, MI BLANK0000029577 0.0

WGBO-DT	D35	DT	CP	JOLIET, IL	BLANK0000064403	378.1
WOLP-CD	D35	DC	CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
WLUC-TV	D35	DT	APP	MARQUETTE, MI	BLANK0000036029	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
30304.4	442,115	29015.9	426,513	28835.0
			422,087	28834.7
			422,087	0.00
				0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WGBO-DT D35 DT CP	10.2	91	5.0
WOLP-CD D35 DC CP	46.0	990	22.3
WLUC-TV D35 DT APP	10.4	0	10.4
WAQP D36 DT BL	22.3	798	12.8
CIII-DT-29 D35 DT LIC	123.4	3,132	105.0

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Interference to BLANK0000034373 CP scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373

Undesireds:	W42EJ-D	D35	LD	CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT	CP	CADILLAC, MI	BLANK0000029577	0.0
	WGBO-DT	D35	DT	CP	JOLIET, IL	BLANK0000064403	378.1
	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WLUC-TV	D35	DT	APP	MARQUETTE, MI	BLANK0000036029	279.3
	WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899	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
30304.4	442,115	29015.9	426,513	28818.7	421,727
			28818.5	421,727	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3 0
WGBO-DT D35 DT CP	10.2	91 5.0	66 5.0 66
WOLP-CD D35 DC BL	40.1	820 19.9	395 19.9 395
WLUC-TV D35 DT APP	10.4	0 10.4	0 10.4 0
WAQP D36 DT CP	43.2	1,426 31.5	1,060 31.3 1,060
CIII-DT-29 D35 DT LIC	123.4	3,132 107.0	2,624 104.0 2,597

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Interference to BLANK0000034373 CP scenario 4

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WGBO-DT	D35	DT CP	JOLIET, IL	BLANK0000064403	378.1
	WOLP-CD	D35	DC BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WLUC-TV	D35	DT APP	MARQUETTE, MI	BLANK0000036029	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
30304.4	442,115	29015.9	426,513	28836.4	422,204
			28836.2	422,204	0.00 0.00

Undesired	Total IX	Unique IX, before		Unique IX, after		
W42EJ-D D35 LD CP	5.7	27		0.3	0	
WGBO-DT D35 DT CP	10.2	91	5.0	66	5.0	66
WOLP-CD D35 DC BL	40.1	820	20.9	395	20.9	395
WLUC-TV D35 DT APP	10.4	0	10.4	0	10.4	0
WAQP D36 DT BL	22.3	798	13.8	583	13.6	583
CIII-DT-29 D35 DT LIC	123.4	3,132	108.0	2,748	105.0	2,721

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Interference to BLANK0000034373 CP scenario 5

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
	WLUC-TV	D35	DT APP	MARQUETTE, MI	BLANK0000036029	279.3
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	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	
30304.4	442,115	29015.9	426,513	28822.3	421,676	28822.0	421,676 0.00 0.00

Undesired	Total IX	Unique IX, before		Unique IX, after		
W42EJ-D D35 LD CP	5.7	27		0.3	0	
WOLP-CD D35 DC CP	46.0	990	26.6	537	26.6	537
WLUC-TV D35 DT APP	10.4	0	10.4	0	10.4	0

WAQP D36 DT CP	43.2	1,426	30.5	981	30.3	981
CIII-DT-29 D35 DT LIC	123.4	3,132	104.0	2,650	101.2	2,623

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Interference to BLANK0000034373 CP scenario 6

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired: WPBN-TV D35 DT CP TRAVERSE CITY, MI BLANK0000034373

Undesireds: W42EJ-D D35 LD CP MIDLAND, MI W42EJ-MOD\_ALP-W 210.2 km

WCMV	D34	DT	CP	CADILLAC, MI	BLANK0000029577	0.0
WOLP-CD	D35	DC	CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
WLUC-TV	D35	DT	APP	MARQUETTE, MI	BLANK0000036029	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
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30304.4	442,115	29015.9	426,513	28840.0	422,153	28839.7	422,153	0.00	0.00
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Undesired	Total IX	Unique IX, before	Unique IX, after
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W42EJ-D D35 LD CP	5.7	27	0.3	0		
WOLP-CD D35 DC CP	46.0	990	27.6	537	27.6	537
WLUC-TV D35 DT APP	10.4	0	10.4	0	10.4	0
WAQP D36 DT BL	22.3	798	12.8	504	12.6	504
CIII-DT-29 D35 DT LIC	123.4	3,132	105.0	2,774	102.2	2,747

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Interference to BLANK0000034373 CP scenario 7

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WOLP-CD	D35	DC BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WLUC-TV	D35	DT APP	MARQUETTE, MI	BLANK0000036029	279.3
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	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
30304.4	442,115	29015.9	426,513	28823.7
421,793	28823.5	421,793	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WOLP-CD D35 DC BL	40.1	820	25.1
WLUC-TV D35 DT APP	10.4	0	10.4
WAQP D36 DT CP	43.2	1,426	31.5
CIII-DT-29 D35 DT LIC	123.4	3,132	107.0

Interference to BLANK0000034373 CP scenario 8

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WOLP-CD	D35	DC BL	GRAND RAPIDS, MI	DTVBL167892	231.8

WLUC-TV	D35	DT APP	MARQUETTE, MI	BLANK0000036029	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
30304.4	442,115	29015.9	426,513	28841.4
		422,270	28841.2	422,270
		0.00	0.00	

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WOLP-CD D35 DC BL	40.1	820	26.1
WLUC-TV D35 DT APP	10.4	0	10.4
WAQP D36 DT BL	22.3	798	13.8
CIII-DT-29 D35 DT LIC	123.4	3,132	108.0

Interference to BLANK0000034373 CP scenario 9

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WGBO-DT	D35	DT CP	JOLIET, IL	BLANK0000064403	378.1
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
	WLUC-TV	D35	DT LIC	MARQUETTE, MI	BLCDT20040202ALY	279.3
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	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
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30304.4	442,115	29015.9	426,513	28824.9	421,610	28824.6	421,610	0.00	0.00
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Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3 0
WGBO-DT D35 DT CP	10.2	91 5.0	66 5.0 66
WOLP-CD D35 DC CP	46.0	990 21.4	512 21.4 512
WLUC-TV D35 DT LIC	2.7	0 2.7	0 2.7 0
WAQP D36 DT CP	43.2	1,426 30.5	981 30.3 981
CIII-DT-29 D35 DT LIC	123.4	3,132 104.0	2,650 101.2 2,623

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Interference to BLANK0000034373 CP scenario 10

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WGBO-DT	D35	DT CP	JOLIET, IL	BLANK0000064403	378.1
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
	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
30304.4	442,115	29015.9	426,513 28842.6	422,087 28842.4 422,087 0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3 0

WGBO-DT D35 DT CP	10.2	91	5.0	66	5.0	66
WOLP-CD D35 DC CP	46.0	990	22.3	512	22.3	512
WLUC-TV D35 DT LIC	2.7	0	2.7	0	2.7	0
WAQP D36 DT BL	22.3	798	12.8	504	12.6	504
CIII-DT-29 D35 DT LIC	123.4	3,132	105.0	2,774	102.2	2,747

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Interference to BLANK0000034373 CP scenario 11

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WGBO-DT	D35	DT CP	JOLIET, IL	BLANK0000064403	378.1
	WOLP-CD	D35	DC BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WLUC-TV	D35	DT LIC	MARQUETTE, MI	BLCDT20040202ALY	279.3
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	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
30304.4	442,115	29015.9	426,513	28826.4
421,727	28826.1	421,727	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WGBO-DT D35 DT CP	10.2	91	5.0
WOLP-CD D35 DC BL	40.1	820	19.9
WLUC-TV D35 DT LIC	2.7	0	2.7
WAQP D36 DT CP	43.2	1,426	31.5

CIII-DT-29 D35 DT LIC	123.4	3,132	107.0	2,624	104.0	2,597
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Interference to BLANK0000034373 CP scenario 12

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	
Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WGBO-DT	D35	DT CP	JOLIET, IL	BLANK0000064403	378.1
	WOLP-CD	D35	DC BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	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					
30304.4	442,115	29015.9	426,513	28844.1	422,204	28843.8	422,204	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3 0
WGBO-DT D35 DT CP	10.2	91 5.0	66 5.0 66
WOLP-CD D35 DC BL	40.1	820 20.9	395 20.9 395
WLUC-TV D35 DT LIC	2.7	0 2.7	0 2.7 0
WAQP D36 DT BL	22.3	798 13.8	583 13.6 583
CIII-DT-29 D35 DT LIC	123.4	3,132 108.0	2,748 105.0 2,721

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Interference to BLANK0000034373 CP scenario 13

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
	WLUC-TV	D35	DT LIC	MARQUETTE, MI	BLCDT20040202ALY	279.3
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	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
30304.4	442,115	29015.9	426,513	28829.9
421,676	28829.7	421,676	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WOLP-CD D35 DC CP	46.0	990	26.6
WLUC-TV D35 DT LIC	2.7	0	2.7
WAQP D36 DT CP	43.2	1,426	30.5
CIII-DT-29 D35 DT LIC	123.4	3,132	104.0

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Interference to BLANK0000034373 CP scenario 14

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0

WOLP-CD	D35	DC	CP	GRAND RAPIDS, MI	BLANK0000027729	231.8
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
30304.4	442,115	29015.9	426,513	28847.6
422,153	28847.4	422,153	0.00	0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	5.7	27	0.3
WOLP-CD D35 DC CP	46.0	990	27.6
WLUC-TV D35 DT LIC	2.7	0	2.7
WAQP D36 DT BL	22.3	798	12.8
CIII-DT-29 D35 DT LIC	123.4	3,132	105.0

Interference to BLANK0000034373 CP scenario 15

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373

Undesireds:	W42EJ-D	D35	LD	CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT	CP	CADILLAC, MI	BLANK0000029577	0.0
	WOLP-CD	D35	DC	BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	WLUC-TV	D35	DT	LIC	MARQUETTE, MI	BLCDT20040202ALY	279.3
	WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899	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
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30304.4	442,115	29015.9	426,513	28831.4	421,793	28831.1	421,793	0.00	0.00
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Undesired	Total IX	Unique IX, before		Unique IX, after	
W42EJ-D D35 LD CP	5.7	27		0.3	0
WOLP-CD D35 DC BL	40.1	820	25.1	420	25.1 420
WLUC-TV D35 DT LIC	2.7	0	2.7	0	2.7 0
WAQP D36 DT CP	43.2	1,426	31.5	1,060	31.3 1,060
CIII-DT-29 D35 DT LIC	123.4	3,132	107.0	2,624	104.0 2,597

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Interference to BLANK0000034373 CP scenario 16

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	210.2 km
	WCMV	D34	DT CP	CADILLAC, MI	BLANK0000029577	0.0
	WOLP-CD	D35	DC BL	GRAND RAPIDS, MI	DTVBL167892	231.8
	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	
30304.4	442,115	29015.9	426,513	28849.1	422,270	28848.9	422,270 0.00 0.00

Undesired	Total IX	Unique IX, before		Unique IX, after	
W42EJ-D D35 LD CP	5.7	27		0.3	0
WOLP-CD D35 DC BL	40.1	820	26.1	420	26.1 420
WLUC-TV D35 DT LIC	2.7	0	2.7	0	2.7 0

WAQP D36 DT BL	22.3	798	13.8	583	13.6	583
CIII-DT-29 D35 DT LIC	123.4	3,132	108.0	2,748	105.0	2,721

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Interference to BLANK0000034899 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	132.5
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	281.3
	WRGT-TV	D36	DT CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24920.2
2,063,156	24862.0	2,060,598	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0 0.5 0	0.5 0
WHME-TV D36 DT CP	73.9	8,449 46.9 1,661	46.9 1,661
WQHS-DT D36 DT CP	108.2	39,751 52.6 23,399	52.3 23,399
WRGT-TV D36 DT CP	0.2	0 0.0 0	0.0 0
WMNT-CD D36 DC LIC	95.9	28,308 44.8 12,456	44.8 12,456

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Interference to BLANK0000034899 CP scenario 2

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	132.5
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT BL	CLEVELAND, OH	DTVBL60556	281.3
	WRGT-TV	D36	DT CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24929.8
2,065,439	24871.6	2,062,881	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0 0.5 0	0.5 0
WHME-TV D36 DT CP	73.9	8,449 48.9 1,719	48.9 1,719
WQHS-DT D36 DT BL	91.6	36,686 42.9 21,116	42.7 21,116
WRGT-TV D36 DT CP	0.2	0 0.0 0	0.0 0
WMNT-CD D36 DC LIC	95.9	28,308 49.2 13,180	49.2 13,180

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Interference to BLANK0000034899 CP scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	
Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	132.5
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	281.3
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5
Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX		
25199.3	2,136,904	25121.8	2,117,624	24920.2	2,063,156	24862.0 2,060,598 0.23 0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0 0.5 0	0.5 0
WHME-TV D36 DT CP	73.9	8,449 46.9 1,661	46.9 1,661
WQHS-DT D36 DT CP	108.2	39,751 52.6 23,399	52.3 23,399
WMNT-CD D36 DC LIC	95.9	28,308 44.8 12,456	44.8 12,456

Interference to BLANK0000034899 CP scenario 4

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD	CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WOLP-CD	D35	DC	CP	GRAND RAPIDS, MI	BLANK0000027729	132.5
	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT	BL	CLEVELAND, OH	DTVBL60556	281.3
	WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT	CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC	CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24929.8
2,065,439	24871.6	2,062,881	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0 0.5 0	0.5 0
WHME-TV D36 DT CP	73.9	8,449 48.9 1,719	48.9 1,719
WQHS-DT D36 DT BL	91.6	36,686 42.9 21,116	42.7 21,116
WMNT-CD D36 DC LIC	95.9	28,308 49.2 13,180	49.2 13,180

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Interference to BLANK0000034899 CP scenario 5

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899

Undesireds:	W42EJ-D	D35	LD	CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000034238	250.1

WQHS-DT	D36	DT	CP	CLEVELAND, OH	BLANK0000063135	281.3
WRGT-TV	D36	DT	CP	DAYTON, OH	BLANK0000034495	389.1
WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	179.5
WACY-TV	D36	DT	CP	APPLETON, WI	BLANK0000034873	339.4
WMKE-CD	D36	DC	CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24920.7
2,063,156	24862.5	2,060,598	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WHME-TV D36 DT CP	73.9	8,449	46.9 1,661 46.9 1,661
WQHS-DT D36 DT CP	108.2	39,751	52.6 23,399 52.3 23,399
WRGT-TV D36 DT CP	0.2	0	0.0 0 0.0 0
WMNT-CD D36 DC LIC	95.9	28,308	44.8 12,456 44.8 12,456

Interference to BLANK0000034899 CP scenario 6

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899

Undesireds:	W42EJ-D	D35	LD	CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT	CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT	BL	CLEVELAND, OH	DTVBL60556	281.3
	WRGT-TV	D36	DT	CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT	CP	APPLETON, WI	BLANK0000034873	339.4

WMKE-CD D36 DC CP MILWAUKEE, WI BLANK0000034620 312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
25199.3	2,136,904	25121.8	2,117,624	24930.3	2,065,439	24872.1	2,062,881	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WHME-TV D36 DT CP	73.9	8,449	48.9 1,719 48.9 1,719
WQHS-DT D36 DT BL	91.6	36,686	42.9 21,116 42.7 21,116
WRGT-TV D36 DT CP	0.2	0 0.0 0 0.0 0	
WMNT-CD D36 DC LIC	95.9	28,308	49.2 13,180 49.2 13,180

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Interference to BLANK0000034899 CP scenario 7

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	281.3
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
25199.3	2,136,904	25121.8	2,117,624	24920.7	2,063,156	24862.5	2,060,598	0.23	0.12

Undesired	Total IX	Unique IX, before		Unique IX, after	
W42EJ-D D35 LD CP	58.5	2,558		58.2	2,558
WHME-TV D36 DT CP	73.9	8,449	46.9	1,661	46.9 1,661
WQHS-DT D36 DT CP	108.2	39,751	52.6	23,399	52.3 23,399
WMNT-CD D36 DC LIC	95.9	28,308	44.8	12,456	44.8 12,456

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Interference to BLANK0000034899 CP scenario 8

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT CP	SOUTH BEND, IN	BLANK0000034238	250.1
	WQHS-DT	D36	DT BL	CLEVELAND, OH	DTVBL60556	281.3
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX	
25199.3	2,136,904	25121.8	2,117,624	24930.3	2,065,439	24872.1	2,062,881 0.23 0.12

Undesired	Total IX	Unique IX, before		Unique IX, after	
W42EJ-D D35 LD CP	58.5	2,558		58.2	2,558
WHME-TV D36 DT CP	73.9	8,449	48.9	1,719	48.9 1,719
WQHS-DT D36 DT BL	91.6	36,686	42.9	21,116	42.7 21,116
WMNT-CD D36 DC LIC	95.9	28,308	49.2	13,180	49.2 13,180

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Interference to BLANK0000034899 CP scenario 9

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	132.5
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT BL	SOUTH BEND, IN	DTVBL36117	250.1
	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	281.3
	WRGT-TV	D36	DT CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24949.3
2,064,486	24891.1	2,061,928	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0	0.5 0
WHME-TV D36 DT BL	36.8	4,456	17.8 331 17.8 331
WQHS-DT D36 DT CP	108.2	39,751	54.1 24,338 53.8 24,338
WRGT-TV D36 DT CP	0.2	0	0.0 0 0.0 0
WMNT-CD D36 DC LIC	95.9	28,308	45.5 12,786 45.5 12,786

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Interference to BLANK0000034899 CP scenario 10

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WOLP-CD	D35	DC CP	GRAND RAPIDS, MI	BLANK0000027729	132.5
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT BL	SOUTH BEND, IN	DTVBL36117	250.1
	WQHS-DT	D36	DT BL	CLEVELAND, OH	DTVBL60556	281.3
	WRGT-TV	D36	DT CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24959.2
2,066,769	24901.0	2,064,211	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0	0.5 0
WHME-TV D36 DT BL	36.8	4,456	19.5 389 19.5 389
WQHS-DT D36 DT BL	91.6	36,686	44.2 22,055 43.9 22,055
WRGT-TV D36 DT CP	0.2	0	0.0 0 0.0 0
WMNT-CD D36 DC LIC	95.9	28,308	50.0 13,510 50.0 13,510

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Interference to BLANK0000034899 CP scenario 11

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired: WAQP D36 DT CP SAGINAW, MI BLANK0000034899

Undesireds: W42EJ-D D35 LD CP MIDLAND, MI W42EJ-MOD\_ALP-W 40.2 km

WOLP-CD D35 DC CP GRAND RAPIDS, MI BLANK0000027729 132.5

WPBN-TV D35 DT CP TRAVERSE CITY, MI BLANK0000034373 188.1

WHME-TV D36 DT BL SOUTH BEND, IN DTVBL36117 250.1

WQHS-DT D36 DT CP CLEVELAND, OH BLANK0000063135 281.3

WMNT-CD D36 DC LIC TOLEDO, OH BLANK0000067041 179.5

WACY-TV D36 DT CP APPLETON, WI BLANK0000034873 339.4

WMKE-CD D36 DC CP MILWAUKEE, WI BLANK0000034620 312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX					
25199.3	2,136,904	25121.8	2,117,624	24949.3	2,064,486	24891.1	2,061,928	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0 0.5 0	0.5 0
WHME-TV D36 DT BL	36.8	4,456 17.8 331	17.8 331
WQHS-DT D36 DT CP	108.2	39,751 54.1 24,338	53.8 24,338
WMNT-CD D36 DC LIC	95.9	28,308 45.5 12,786	45.5 12,786

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Interference to BLANK0000034899 CP scenario 12

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899	

Undesireds: W42EJ-D D35 LD CP MIDLAND, MI W42EJ-MOD\_ALP-W 40.2 km

WOLP-CD D35 DC CP GRAND RAPIDS, MI BLANK0000027729 132.5



WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
WHME-TV	D36	DT	BL	SOUTH BEND, IN	DTVBL36117	250.1
WQHS-DT	D36	DT	BL	CLEVELAND, OH	DTVBL60556	281.3
WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	179.5
WACY-TV	D36	DT	CP	APPLETON, WI	BLANK0000034873	339.4
WMKE-CD	D36	DC	CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24959.2
2,066,769	24901.0	2,064,211	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WOLP-CD D35 DC CP	0.5	0	0.5 0
WHME-TV D36 DT BL	36.8	4,456	19.5 389 19.5 389
WQHS-DT D36 DT BL	91.6	36,686	44.2 22,055 43.9 22,055
WMNT-CD D36 DC LIC	95.9	28,308	50.0 13,510 50.0 13,510

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Interference to BLANK0000034899 CP scenario 13

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT BL	SOUTH BEND, IN	DTVBL36117	250.1
	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	281.3
	WRGT-TV	D36	DT CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5

WACY-TV	D36	DT	CP	APPLETON, WI	BLANK0000034873	339.4
WMKE-CD	D36	DC	CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24949.8
		2,064,486	24891.6	2,061,928
			0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WHME-TV D36 DT BL	36.8	4,456	17.8 331 17.8 331
WQHS-DT D36 DT CP	108.2	39,751	54.1 24,338 53.8 24,338
WRGT-TV D36 DT CP	0.2	0	0.0 0 0.0 0
WMNT-CD D36 DC LIC	95.9	28,308	45.5 12,786 45.5 12,786

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Interference to BLANK0000034899 CP scenario 14

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT	CP	SAGINAW, MI	BLANK0000034899

Undesireds:	W42EJ-D	D35	LD	CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT	CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT	BL	SOUTH BEND, IN	DTVBL36117	250.1
	WQHS-DT	D36	DT	BL	CLEVELAND, OH	DTVBL60556	281.3
	WRGT-TV	D36	DT	CP	DAYTON, OH	BLANK0000034495	389.1
	WMNT-CD	D36	DC	LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT	CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC	CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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25199.3 2,136,904 25121.8 2,117,624 24959.7 2,066,769 24901.5 2,064,211 0.23 0.12

Undesired	Total IX	Unique IX, before			Unique IX, after		
W42EJ-D D35 LD CP	58.5	2,558			58.2	2,558	
WHME-TV D36 DT BL	36.8	4,456	19.5	389	19.5	389	
WQHS-DT D36 DT BL	91.6	36,686	44.2	22,055	43.9	22,055	
WRGT-TV D36 DT CP	0.2	0	0.0	0	0.0	0	
WMNT-CD D36 DC LIC	95.9	28,308	50.0	13,510	50.0	13,510	

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Interference to BLANK0000034899 CP scenario 15

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT BL	SOUTH BEND, IN	DTVBL36117	250.1
	WQHS-DT	D36	DT CP	CLEVELAND, OH	BLANK0000063135	281.3
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before			IX-free, after			Percent New IX	
25199.3	2,136,904	25121.8	2,117,624	24949.8	2,064,486	24891.6	2,061,928	0.23	0.12

Undesired	Total IX	Unique IX, before			Unique IX, after		
W42EJ-D D35 LD CP	58.5	2,558			58.2	2,558	
WHME-TV D36 DT BL	36.8	4,456	17.8	331	17.8	331	

WQHS-DT D36 DT CP	108.2	39,751	54.1	24,338	53.8	24,338
WMNT-CD D36 DC LIC	95.9	28,308	45.5	12,786	45.5	12,786

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Interference to BLANK0000034899 CP scenario 16

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	

Undesireds:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	40.2 km
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	188.1
	WHME-TV	D36	DT BL	SOUTH BEND, IN	DTVBL36117	250.1
	WQHS-DT	D36	DT BL	CLEVELAND, OH	DTVBL60556	281.3
	WMNT-CD	D36	DC LIC	TOLEDO, OH	BLANK0000067041	179.5
	WACY-TV	D36	DT CP	APPLETON, WI	BLANK0000034873	339.4
	WMKE-CD	D36	DC CP	MILWAUKEE, WI	BLANK0000034620	312.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
25199.3	2,136,904	25121.8	2,117,624	24959.7
2,066,769	24901.5	2,064,211	0.23	0.12

Undesired	Total IX	Unique IX, before	Unique IX, after
W42EJ-D D35 LD CP	58.5	2,558	58.2 2,558
WHME-TV D36 DT BL	36.8	4,456	19.5 389 19.5 389
WQHS-DT D36 DT BL	91.6	36,686	44.2 22,055 43.9 22,055
WMNT-CD D36 DC LIC	95.9	28,308	50.0 13,510 50.0 13,510

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Interference to proposal scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W42EJ-D	D35	LD CP	MIDLAND, MI	W42EJ-MOD_ALP-W	

Undesireds:	WUDL-LD	D35	LD CP	DETROIT, MI	BLANK0000051628	89.3 km
	WPBN-TV	D35	DT CP	TRAVERSE CITY, MI	BLANK0000034373	210.2
	WAQP	D36	DT CP	SAGINAW, MI	BLANK0000034899	40.2
	CIII-DT-29D35	DT LIC		SARNIAOIL SPRINGS, ON	BLANKCANADA217	125.0

Service area	Terrain-limited	IX-free	Percent IX
4152.2	514,227	4147.8	514,183
4076.0	511,792	1.73	0.47

Undesired	Total IX	Unique IX	Prcnt Unique IX
WUDL-LD D35 LD CP	2.2	29	1.0
WPBN-TV D35 DT CP	4.4	195	1.2
WAQP D36 DT CP	37.0	1,584	36.3
CIII-DT-29 D35 DT LIC	32.6	778	29.4