

INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: wbme17max1, Model: Longley-Rice

Study build station data: LMS TV 2017-10-06 (66)

Proposal: WBME17MAX1 D17 DC APP MILWAUKEE, WI
File number: wbme17max1
Facility ID: 71422
Station data: User record
Record ID: 1494
Country: U.S.

Build options:
Protect LPTV records from Class A

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	136.6 km
WIDN-LD	D17	LD	LIC	ROCKFORD, IL	BLANK0000008118	124.5
WIDN-LD	D17	LD	CP	ROCKFORD, IL	BLANK00000013332	114.1
WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	200.7
WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK00000027727	209.4
WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.4
W17DF-D	D17	LD	LIC	MUSKEGON, MI	BLDTL20110215AAG	145.6
WEAU	D17	DT	CP	EAU CLAIRE, WI	BLANK00000025144	297.8
WEAU	D17	DT	BL	EAU CLAIRE, WI	DTVBL7893	297.8
WYTU-LD	D17	LD	LIC	MILWAUKEE, WI	BLDTL20120731ALQ	0.0
WMSN-TV	D18	DT	CP	MADISON, WI	BLANK00000025690	130.4
WMSN-TV	D18	DT	BL	MADISON, WI	DTVBL10221	130.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17

Mask: Stringent
Latitude: 43 6 42.00 N (NAD83)
Longitude: 87 55 50.00 W
Height AMSL: 510.9 m
HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.0

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	304.7 m	58.1 km
45.0	15.0	333.7	59.6
90.0	15.0	333.9	59.6
135.0	15.0	327.2	59.3
180.0	15.0	310.6	58.4
225.0	15.0	287.8	57.1
270.0	15.0	283.3	56.9
315.0	15.0	284.7	56.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 308 m

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 404.2 km

Distance to Mexican border: 1905.2 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 108.6 degrees Distance: 170.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 263.0 degrees Distance: 1471.1 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 1.00 km
Profile point spacing: 1.00 km

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Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

Interference to BLCDT20021024AAS LIC, scenario 1

Desired:	Call WTVO	Chan D16	Svc DT	Status LIC	City, State ROCKFORD, IL	File Number BLCDT20021024AAS	Distance
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	136.6 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	136.6
	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	370.2
	WRSP-TV	D16	DT	CP	SPRINGFIELD, IL	BLANK0000027778	277.5
	WFWC-CD	D16	DC	CP	FORT WAYNE, IN	BLANK0000025862	359.2
	WOBC-CD	D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	329.3
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	135.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
18461.5	1,404,700	18338.1	1,389,105	18200.6	1,386,378	18194.6 1,386,196	0.03 0.01
Undesired				Total IX	Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL				792	16.2 792		
WBME17MAX1 D17 DC APP				974		22.2 974	
KDSM-TV D16 DT LIC				17	7.1 0	7.1 0	
WRSP-TV D16 DT CP				1,829	93.3 1,743	93.3 1,743	
KWQC-TV D17 DT CP				175	14.0 106	14.0 106	

Interference to BLCDT20021024AAS LIC, scenario 2

Desired:	Call WTVO	Chan D16	Svc DT	Status LIC	City, State ROCKFORD, IL	File Number BLCDT20021024AAS	Distance		
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	136.6 km		
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	136.6		
	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	370.2		
	WRSP-TV	D16	DT	CP	SPRINGFIELD, IL	BLANK0000027778	277.5		
	WFWC-CD	D16	DC	CP	FORT WAYNE, IN	BLANK0000025862	359.2		
	WOBC-CD	D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	329.3		
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	147.6		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
18461.5	1,404,700	18338.1	1,389,105	18188.6	1,386,129	18182.6	1,385,947	0.03	0.01
Undesired				Total IX	Unique IX, before	Unique IX, after			
WBME-CD D17 DC BL				16.2	792	16.2	792		
WBME17MAX1 D17 DC APP				22.2	974			22.2	974
KDSM-TV D16 DT LIC				10.1	17	8.1	0	8.1	0
WRSP-TV D16 DT CP				99.3	1,829	92.3	1,739	92.3	1,739
KWOC-TV D17 DT BL				31.0	428	26.0	355	26.0	355

Interference to BLCDT20021024AAS LIC, scenario 3

Desired:	Call WTVO	Chan D16	Svc DT	Status LIC	City, State ROCKFORD, IL	File Number BLCDT20021024AAS	Distance		
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	136.6 km		
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	136.6		
	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	370.2		
	WRSP-TV	D16	DT	BL	SPRINGFIELD, IL	DTVBL62009	277.5		
	WFWC-CD	D16	DC	CP	FORT WAYNE, IN	BLANK0000025862	359.2		
	WOBC-CD	D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	329.3		
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	135.8		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
18461.5	1,404,700	18338.1	1,389,105	18200.6	1,386,378	18194.6	1,386,196	0.03	0.01
Undesired				Total IX	Unique IX, before	Unique IX, after			
WBME-CD D17 DC BL	16.2			792	16.2	792			
WBME17MAX1 D17 DC APP	22.2			974			22.2	974	
KDSM-TV D16 DT LIC	10.1			17	6.1	0	6.1	0	
WRSP-TV D16 DT BL	100.3			1,829	93.3	1,743	93.3	1,743	
KWQC-TV D17 DT CP	19.0			175	14.0	106	14.0	106	

Interference to BLCDT20021024AAS LIC, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	136.6 km

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WBME17MAX1D17	DC	APP	MILWAUKEE, WI	wbme17max1	136.6
KDSM-TV D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	370.2
WRSP-TV D16	DT	BL	SPRINGFIELD, IL	DTVBL62009	277.5
WFWC-CD D16	DC	CP	FORT WAYNE, IN	BLANK0000025862	359.2
WOBC-CD D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	329.3
KWQC-TV D17	DT	BL	DAVENPORT, IA	DTVBL6885	147.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
18461.5 1,404,700	18338.1 1,389,105	18188.6 1,386,129	18182.6 1,385,947	0.03 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL 16.2	792	16.2 792	
WBME17MAX1 D17 DC APP 22.2	974		22.2 974
KDSM-TV D16 DT LIC 10.1	17	7.1 0	7.1 0
WRSP-TV D16 DT BL 100.3	1,829	92.3 1,739	92.3 1,739
KWQC-TV D17 DT BL 31.0	428	26.0 355	26.0 355

Interference to BLANK0000008118 LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIDN-LD	D17	LD	LIC	ROCKFORD, IL	BLANK0000008118	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	124.5 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	124.5
	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	13.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	148.7
	KGLU-LD	D17	LD	LIC	OTTUMWA, IA	BLANK0000010561	319.2
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	171.7
	WYTU-LD	D17	LD	LIC	MILWAUKEE, WI	BLDTL20120731ALQ	124.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1390.4 339,021	1389.4 339,021	1126.7 328,927	1126.7 328,927	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL 1.0	2	0.0 0	
WBME17MAX1 D17 DC APP 1.0	2		0.0 0
WTVO D16 DT LIC 256.7	9,971	249.6 9,857	249.6 9,857
KWQC-TV D17 DT CP 5.0	73	0.0 0	0.0 0
WYIN D17 DT LIC 8.1	162	6.1 123	6.1 123
WYTU-LD D17 LD LIC 1.0	2	0.0 0	0.0 0

Interference to BLANK0000013332 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIDN-LD	D17	LD	CP	ROCKFORD, IL	BLANK0000013332	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	114.1 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	114.1
	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	42.8
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	208.8
	WYTU-LD	D17	LD	LIC	MILWAUKEE, WI	BLDTL20120731ALQ	114.1
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	50.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1351.0 104,629	1349.0 104,613	1259.0 102,848	1259.0 102,848	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL 0.0	0	0.0 0	
WBME17MAX1 D17 DC APP 1.0	0		0.0 0
WTVO D16 DT LIC 52.7	630	50.6 598	50.6 598
WYIN D17 DT LIC 8.1	127	1.0 4	1.0 4
WYTU-LD D17 LD LIC 1.0	0	0.0 0	0.0 0
WMSN-TV D18 DT CP 37.3	1,163	30.2 1,008	30.2 1,008

Interference to BLEDT20040206AAA LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
17929.0 6,961,382	17929.0 6,961,382	17871.9 6,939,076	17871.9 6,939,076	0.00 0.00

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Undesired		Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0	953	0.0	0
WBME17MAX1 D17 DC APP	1.0	953	0.0	0
KWQC-TV D17 DT CP	17.1	6,714	14.1	3,956
WALV-CD D17 DC CP	1.0	953	0.0	0
WOTV D17 DT CP	35.1	2,969	33.1	1,164
WMEU-CD D18 DC CP	9.0	15,949	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 2

Desired:	Call WYIN	Chan D17	Svc DT	Status LIC	City, State GARY, IN	File Number BLEDT20040206AAA	Distance		
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km		
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7		
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3		
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4		
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6		
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5		
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8		
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1		
	Service area			Terrain-limited		IX-free, before	IX-free, after	Percent New IX	
	17929.0	6,961,382		17929.0	6,961,382	17871.9	6,939,076	0.00	0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0	953	0.0	0
WBME17MAX1 D17 DC APP	1.0	953	0.0	0
KWQC-TV D17 DT CP	17.1	6,714	14.1	3,956
WALV-CD D17 DC BL	1.0	953	0.0	0
WOTV D17 DT CP	35.1	2,969	33.1	1,164
WMEU-CD D18 DC CP	9.0	15,949	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 3

Desired:	Call WYIN	Chan D17	Svc DT	Status LIC	City, State GARY, IN	File Number BLEDT20040206AAA	Distance
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1
	Service area			Terrain-limited		IX-free, before	
17929.0	6,961,382	17929.0	6,961,382		17871.9	6,939,076	
					17871.9	6,939,076	Percent New IX
							0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0	953	0.0	0
WBME17MAX1 D17 DC APP	1.0	953	0.0	0
KWQC-TV D17 DT CP	17.1	6,714	14.1	3,956
WALV-CD D17 DC CP	1.0	953	0.0	0
WOTV D17 DT CP	35.1	2,969	33.1	1,164
WMEU-CD D18 DC BL	9.0	15,949	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 4

Desired:	Call WYIN	Chan D17	Svc DT	Status LIC	City, State GARY, IN	File Number BLEDT20040206AAA	Distance					
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km					
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7					
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3					
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4					
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6					
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5					
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8					
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1					
	Service area			Terrain-limited		IX-free, before			IX-free, after		Percent New IX	
	17929.0	6,961,382		17929.0	6,961,382	17871.9	6,939,076	17871.9	6,939,076		0.00	0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0	953	0.0	0
WBME17MAX1 D17 DC APP	1.0	953	0.0	0
KWQC-TV D17 DT CP	17.1	6,714	14.1	3,956
WALV-CD D17 DC BL	1.0	953	0.0	0
WOTV D17 DT CP	35.1	2,969	33.1	1,164

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WMEU-CD D18 DC BL 9.0 15,949 7.0 14,428 7.0 14,428

Interference to BLEDT20040206AAA LIC, scenario 5

Desired:	Call WYIN	Chan D17	Svc DT	Status LIC	City, State GARY, IN	File Number BLEDT20040206AAA	Distance
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17929.0	6,961,382	17929.0	6,961,382	17870.9	6,939,004	17870.9 6,939,004	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL	1.0			953	0.0 0		
WBME17MAX1 D17 DC APP	1.0			953		0.0 0	
KWQC-TV D17 DT CP	17.1			6,714	14.1 3,956	14.1 3,956	
WALV-CD D17 DC CP	1.0			953	0.0 0	0.0 0	
WOTV D17 DT BL	36.1			3,041	34.1 1,236	34.1 1,236	
WMEU-CD D18 DC CP	9.0			15,949	7.0 14,428	7.0 14,428	

Interference to BLEDT20040206AAA LIC, scenario 6

Desired:	Call WYIN	Chan D17	Svc DT	Status LIC	City, State GARY, IN	File Number BLEDT20040206AAA	Distance
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17929.0	6,961,382	17929.0	6,961,382	17870.9	6,939,004	17870.9 6,939,004	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL	1.0			953	0.0 0		
WBME17MAX1 D17 DC APP	1.0			953		0.0 0	
KWQC-TV D17 DT CP	17.1			6,714	14.1 3,956	14.1 3,956	
WALV-CD D17 DC BL	1.0			953	0.0 0	0.0 0	
WOTV D17 DT BL	36.1			3,041	34.1 1,236	34.1 1,236	
WMEU-CD D18 DC CP	9.0			15,949	7.0 14,428	7.0 14,428	

Interference to BLEDT20040206AAA LIC, scenario 7

Desired:	Call WYIN	Chan D17	Svc DT	Status LIC	City, State GARY, IN	File Number BLEDT20040206AAA	Distance
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17929.0	6,961,382	17929.0	6,961,382	17870.9	6,939,004	17870.9 6,939,004	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL	1.0			953	0.0 0		
WBME17MAX1 D17 DC APP	1.0			953		0.0	0
KWQC-TV D17 DT CP	17.1			6,714	14.1 3,956	14.1	3,956
WALV-CD D17 DC CP	1.0			953	0.0 0	0.0	0
WOTV D17 DT BL	36.1			3,041	34.1 1,236	34.1	1,236
WMEU-CD D18 DC BL	9.0			15,949	7.0 14,428	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 8

Call	Chan	Svc	Status	City, State	File Number	Distance
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INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

Desired:	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	257.3
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17929.0 6,961,382		17929.0 6,961,382		17870.9 6,939,004		17870.9 6,939,004	0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WBME-CD D17 DC BL	1.0	953	0.0	0		
WBME17MAX1 D17 DC APP	1.0	953			0.0	0
KWQC-TV D17 DT CP	17.1	6,714	14.1	3,956	14.1	3,956
WALV-CD D17 DC BL	1.0	953	0.0	0	0.0	0
WOTV D17 DT BL	36.1	3,041	34.1	1,236	34.1	1,236
WMEU-CD D18 DC BL	9.0	15,949	7.0	14,428	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 9

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17929.0 6,961,382		17929.0 6,961,382		17841.8 6,929,953		17841.8 6,929,953	0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WBME-CD D17 DC BL	1.0	953	0.0	0		
WBME17MAX1 D17 DC APP	1.0	953			0.0	0
KWQC-TV D17 DT BL	46.2	15,269	44.2	13,079	44.2	13,079
WALV-CD D17 DC CP	1.0	953	0.0	0	0.0	0
WOTV D17 DT CP	35.1	2,969	33.1	1,164	33.1	1,164
WMEU-CD D18 DC CP	9.0	15,949	7.0	14,428	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 10

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17929.0 6,961,382		17929.0 6,961,382		17841.8 6,929,953		17841.8 6,929,953	0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WBME-CD D17 DC BL	1.0	953	0.0	0		
WBME17MAX1 D17 DC APP	1.0	953			0.0	0
KWQC-TV D17 DT BL	46.2	15,269	44.2	13,079	44.2	13,079
WALV-CD D17 DC BL	1.0	953	0.0	0	0.0	0
WOTV D17 DT CP	35.1	2,969	33.1	1,164	33.1	1,164
WMEU-CD D18 DC CP	9.0	15,949	7.0	14,428	7.0	14,428

Interference to BLEDT20040206AAA LIC, scenario 11

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4

INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6
WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
17929.0 6,961,382	17929.0 6,961,382	17841.8 6,929,953	17841.8 6,929,953	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0 953	0.0 0	
WBME17MAX1 D17 DC APP	1.0 953		0.0 0
KWQC-TV D17 DT BL	46.2 15,269	44.2 13,079	44.2 13,079
WALV-CD D17 DC CP	1.0 953	0.0 0	0.0 0
WOTV D17 DT CP	35.1 2,969	33.1 1,164	33.1 1,164
WMEU-CD D18 DC BL	9.0 15,949	7.0 14,428	7.0 14,428

Interference to BLEDT20040206AAA LIC, scenario 12

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
17929.0 6,961,382	17929.0 6,961,382	17841.8 6,929,953	17841.8 6,929,953	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0 953	0.0 0	
WBME17MAX1 D17 DC APP	1.0 953		0.0 0
KWQC-TV D17 DT BL	46.2 15,269	44.2 13,079	44.2 13,079
WALV-CD D17 DC BL	1.0 953	0.0 0	0.0 0
WOTV D17 DT CP	35.1 2,969	33.1 1,164	33.1 1,164
WMEU-CD D18 DC BL	9.0 15,949	7.0 14,428	7.0 14,428

Interference to BLEDT20040206AAA LIC, scenario 13

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
17929.0 6,961,382	17929.0 6,961,382	17840.8 6,929,881	17840.8 6,929,881	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	1.0 953	0.0 0	
WBME17MAX1 D17 DC APP	1.0 953		0.0 0
KWQC-TV D17 DT BL	46.2 15,269	44.2 13,079	44.2 13,079
WALV-CD D17 DC CP	1.0 953	0.0 0	0.0 0
WOTV D17 DT BL	36.1 3,041	34.1 1,236	34.1 1,236
WMEU-CD D18 DC CP	9.0 15,949	7.0 14,428	7.0 14,428

Interference to BLEDT20040206AAA LIC, scenario 14

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	62.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

17929.0	6,961,382	17929.0	6,961,382	17840.8	6,929,881	17840.8	6,929,881	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
WBME-CD D17 DC BL		1.0	953	0.0		0			
WBME17MAX1 D17 DC APP		1.0	953			0.0		0	
KWQC-TV D17 DT BL	46.2		15,269	44.2	13,079	44.2	13,079		
WALV-CD D17 DC BL		1.0	953	0.0		0			
WOTV D17 DT BL	36.1		3,041	34.1	1,236	34.1	1,236		
WMEU-CD D18 DC CP		9.0	15,949	7.0	14,428	7.0	14,428		

Interference to BLEDT20040206AAA LIC, scenario 15

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
17929.0	6,961,382	17929.0	6,961,382	17840.8	6,929,881	17840.8	6,929,881	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
WBME-CD D17 DC BL		1.0	953	0.0		0			
WBME17MAX1 D17 DC APP		1.0	953			0.0		0	
KWQC-TV D17 DT BL	46.2		15,269	44.2	13,079	44.2	13,079		
WALV-CD D17 DC CP		1.0	953	0.0		0			
WOTV D17 DT BL	36.1		3,041	34.1	1,236	34.1	1,236		
WMEU-CD D18 DC BL		9.0	15,949	7.0	14,428	7.0	14,428		

Interference to BLEDT20040206AAA LIC, scenario 16

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	200.7 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	200.7
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7
	WALV-CD	D17	DC	BL	INDIANAPOLIS, IN	DTVBL70161	188.4
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	209.6
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	347.5
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	154.8
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	62.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
17929.0	6,961,382	17929.0	6,961,382	17840.8	6,929,881	17840.8	6,929,881	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
WBME-CD D17 DC BL		1.0	953	0.0		0			
WBME17MAX1 D17 DC APP		1.0	953			0.0		0	
KWQC-TV D17 DT BL	46.2		15,269	44.2	13,079	44.2	13,079		
WALV-CD D17 DC BL		1.0	953	0.0		0			
WOTV D17 DT BL	36.1		3,041	34.1	1,236	34.1	1,236		
WMEU-CD D18 DC BL		9.0	15,949	7.0	14,428	7.0	14,428		

Interference to BLANK0000027727 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	209.5 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	209.4
	WFVC-CD	D16	DC	CP	FORT WAYNE, IN	BLANK0000025862	165.8
	WOBC-CD	D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	40.1
	WSMH	D16	DT	LIC	FLINT, MI	BLCDT20090804ABG	134.7
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	209.6
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	299.7
	WBNX-TV	D17	DT	CP	AKRON, OH	BLANK0000028072	338.5
	WFWA	D18	DT	CP	FORT WAYNE, IN	BLANK0000025074	164.7
	WEYI-TV	D18	DT	CP	SAGINAW, MI	BLANK0000027692	159.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
25941.0	2,267,283	25933.0	2,267,064	25833.2	2,261,137	25833.2	2,261,137	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
WBME-CD D17 DC BL		4.0	95	1.0		53			

INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

WBME17MAX1 D17 DC APP	4.0	95			1.0	53
WSMH D16 DT LIC	19.1	2,739	19.1	2,739	19.1	2,739
WYIN D17 DT LIC	79.7	3,135	76.7	3,093	76.7	3,093

Interference to DTVBL10212 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WOTV	D17	DT	BL	BATTLE CREEK, MI	DTVBL10212	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	209.5 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	209.4
	WFWC-CD	D16	DC	CP	FORT WAYNE, IN	BLANK0000025862	165.8
	WOBC-CD	D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	40.1
	WSMH	D16	DT	LIC	FLINT, MI	BLCDT20090804ABG	134.7
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	209.6
	WALV-CD	D17	DC	CP	INDIANAPOLIS, IN	BLANK0000028083	299.7
	WBNX-TV	D17	DT	CP	AKRON, OH	BLANK0000028072	338.5
	WFWA	D18	DT	CP	FORT WAYNE, IN	BLANK0000025074	164.7
	WEYI-TV	D18	DT	CP	SAGINAW, MI	BLANK0000027692	159.4

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
26090.1	2,275,630	26083.1	2,275,411	25979.3	2,269,327	25979.3 2,269,327	0.00 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL		5.0	95		1.0	53	
WBME17MAX1 D17 DC APP		5.0	95		1.0	53	
WSMH D16 DT LIC		20.1	2,751		20.1	2,751	
WYIN D17 DT LIC		82.7	3,280		78.7	3,238	

Interference to BLDTL20110215AAG LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W17DF-D	D17	LD	LIC	MUSKEGON, MI	BLDTL20110215AAG	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	145.6 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	145.6
	WIDN-LD	D17	LD	LIC	ROCKFORD, IL	BLANK0000008118	257.6
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	99.7
	WXMI	D17	LD	LIC	GRAND RAPIDS, MI	BLCDT20141105ACV	140.2
	WYTU-LD	D17	LD	LIC	MILWAUKEE, WI	BLDTL20120731ALQ	145.6

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
7038.8	367,227	6989.1	364,382	5252.0	259,934	5252.0 259,934	0.00 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL		6.1	126		0.0	0	
WBME17MAX1 D17 DC APP		7.1	126		0.0	0	
WOTV D17 DT CP		1735.1	104,322		1728.0	104,280	
WXMI D17 LD LIC		1.0	9		0.0	0	
WYTU-LD D17 LD LIC		8.1	159		0.0	0	

Interference to BLANK0000025144 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEAU	D17	DT	CP	EAU CLAIRE, WI	BLANK0000025144	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	297.8 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	297.8
	WJFW-TV	D16	DT	LIC	RHINELANDER, WI	BLCDT20070222AOP	177.0
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	348.7
	KDAO-CD	D17-	DC	CP	MARSHALLTOWN, IA	BLANK0000026578	328.8
	KYIN	D18	DT	LIC	MASON CITY, IA	BLEDT20090612AHJ	192.1
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	212.2

	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
47062.6	1,001,414	46145.8	967,596	45780.7	966,816	45779.7 966,816	0.00 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
WBME-CD D17 DC BL		5.1	56		5.1	56	
WBME17MAX1 D17 DC APP		6.1	56		6.1	56	
WJFW-TV D16 DT LIC		359.1	724		359.1	724	
KYIN D18 DT LIC		1.0	0		1.0	0	

Interference to BLANK0000025144 CP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEAU	D17	DT	CP	EAU CLAIRE, WI	BLANK0000025144	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	297.8 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	297.8

INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

WJFW-TV	D16	DT	LIC	RHINELANDER, WI	BLCDT20070222AOP	177.0
KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	375.5
KDAO-CD	D17-	DC	CP	MARSHALLTOWN, IA	BLANK0000026578	328.8
KYIN	D18	DT	LIC	MASON CITY, IA	BLEDT20090612AHJ	192.1
WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	212.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
47062.6 1,001,414	46145.8 967,596	45727.9 964,554	45727.9 964,554	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	5.1 56	3.0 38	
WBME17MAX1 D17 DC APP	6.1 56		3.0 38
WJFW-TV D16 DT LIC	359.1 724	359.1 724	
KWQC-TV D17 DT BL	54.8 2,280	52.7 2,262	
KYIN D18 DT LIC	1.0 0	1.0 0	

Interference to DTVBL7893 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEAU	D17	DT	BL	EAU CLAIRE, WI	DTVBL7893	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	297.8 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	297.8
	WJFW-TV	D16	DT	LIC	RHINELANDER, WI	BLCDT20070222AOP	177.0
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	348.7
	KDAO-CD	D17-	DC	CP	MARSHALLTOWN, IA	BLANK0000026578	328.8
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	212.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46297.6 991,170	45397.1 956,065	45073.2 955,491	45071.2 955,491	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	4.0 26	4.0 26	
WBME17MAX1 D17 DC APP	6.1 26		6.1 26
WJFW-TV D16 DT LIC	319.9 548	319.9 548	

Interference to DTVBL7893 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEAU	D17	DT	BL	EAU CLAIRE, WI	DTVBL7893	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	297.8 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	297.8
	WJFW-TV	D16	DT	LIC	RHINELANDER, WI	BLCDT20070222AOP	177.0
	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	375.5
	KDAO-CD	D17-	DC	CP	MARSHALLTOWN, IA	BLANK0000026578	328.8
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	212.1

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46297.6 991,170	45397.1 956,065	45024.6 953,847	45023.5 953,847	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	4.0 26	4.0 26	
WBME17MAX1 D17 DC APP	6.1 26		5.1 26
WJFW-TV D16 DT LIC	319.9 548	319.9 548	
KWQC-TV D17 DT BL	48.7 1,644	48.7 1,644	

Interference to BLDTL20120731ALQ LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYTU-LD	D17	LD	LIC	MILWAUKEE, WI	BLDTL20120731ALQ	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	0.0 km
	WBME17MAX1	D17	DC	APP	MILWAUKEE, WI	wbme17max1	0.0
	WIDN-LD	D17	LD	LIC	ROCKFORD, IL	BLANK0000008118	124.5
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	200.7
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000027727	209.4
	W17DF-D	D17	LD	LIC	MUSKEGON, MI	BLDTL20110215AAG	145.6
	WEAU	D17	DT	CP	EAU CLAIRE, WI	BLANK0000025144	297.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
10784.9 1,838,898	10757.9 1,838,441	337.6 44,274	334.6 44,337	0.89 -0.14

Undesired	Total IX	Unique IX, before	Unique IX, after
WBME-CD D17 DC BL	10420.3 1,794,167	10393.3 1,793,823	
WBME17MAX1 D17 DC APP	10423.3 1,794,104		10396.3 1,793,760
WYIN D17 DT LIC	9.0 151	0.0 0	0.0 0
WOTV D17 DT CP	18.0 164	0.0 0	0.0 0
W17DF-D D17 LD LIC	1.0 0	0.0 0	0.0 0
WEAU D17 DT CP	18.0 275	0.0 0	0.0 0

INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

Interference to BLANK0000025690 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	130.4 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	130.4
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	184.7
	KYIN	D18	DT	LIC	MASON CITY, IA	BLED20090612AHJ	261.0
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	344.5
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	203.3
	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000026289	386.2
	WMTV	D19	DT	LIC	MADISON, WI	BLCDT20100413AAW	3.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
29780.7 1,576,402		29483.7 1,569,871		29194.1 1,544,845		29192.1 1,544,749	0.01 0.01
Undesired			Total IX		Unique IX, before		Unique IX, after
WBME-CD D17 DC BL			96.4 13,009		79.3 10,953		
WBME17MAX1 D17 DC APP			100.4 13,126		81.3 11,049		
KYIN D18 DT LIC			56.5 5,774		50.4 5,764		
WMEU-CD D18 DC CP			50.5 5,328		29.3 3,983		
WMTV D19 DT LIC			114.4 3,011		102.4 2,230		
					101.4 2,214		

Interference to BLANK0000025690 CP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000025690	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	130.4 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	130.4
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	184.7
	KYIN	D18	DT	LIC	MASON CITY, IA	BLED20090612AHJ	261.0
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	344.5
	WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	203.3
	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000026289	386.2
	WMTV	D19	DT	LIC	MADISON, WI	BLCDT20100413AAW	3.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
29780.7 1,576,402		29483.7 1,569,871		29194.1 1,544,845		29192.1 1,544,749	0.01 0.01
Undesired			Total IX		Unique IX, before		Unique IX, after
WBME-CD D17 DC BL			96.4 13,009		79.3 10,953		
WBME17MAX1 D17 DC APP			100.4 13,126		81.3 11,049		
KYIN D18 DT LIC			56.5 5,774		50.4 5,764		
WMEU-CD D18 DC BL			50.5 5,328		29.3 3,983		
WMTV D19 DT LIC			114.4 3,011		102.4 2,230		
					101.4 2,214		

Interference to DTVBL10221 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMSN-TV	D18	DT	BL	MADISON, WI	DTVBL10221	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	130.4 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	130.4
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	184.7
	KYIN	D18	DT	LIC	MASON CITY, IA	BLED20090612AHJ	261.0
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	344.5
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000028188	203.3
	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000026289	386.2
	WMTV	D19	DT	LIC	MADISON, WI	BLCDT20100413AAW	4.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
29779.7 1,576,353		29485.7 1,569,980		29204.2 1,544,906		29202.2 1,545,026	0.01 -0.01
Undesired			Total IX		Unique IX, before		Unique IX, after
WBME-CD D17 DC BL			98.4 13,279		82.3 11,153		
WBME17MAX1 D17 DC APP			102.4 13,254		84.3 11,033		
KYIN D18 DT LIC			51.4 5,755		46.4 5,745		
WMEU-CD D18 DC CP			48.5 5,288		28.4 3,943		
WMTV D19 DT LIC			109.4 2,918		98.4 2,067		
					97.4 1,977		

Interference to DTVBL10221 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMSN-TV	D18	DT	BL	MADISON, WI	DTVBL10221	
Undesireds:	WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	130.4 km
	WBME17MAX1D17	DC	APP		MILWAUKEE, WI	wbme17max1	130.4
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000025569	184.7

INTERFERENCE ANALYSIS FOR PROPOSED WBME-CD MILWAUKEE, WI (CHANNEL 17)

KYIN	D18	DT	LIC	MASON CITY, IA	BLEDT20090612AHJ	261.0
WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000025142	344.5
WMEU-CD	D18	DC	BL	CHICAGO, IL	DTVBL168662	203.3
WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000026289	386.2
WMTV	D19	DT	LIC	MADISON, WI	BLCDT20100413AAW	4.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
29779.7	1,576,353	29485.7	1,569,980	29204.2	1,544,906	29202.2	1,545,026	0.01 -0.01

Undesired		Total IX		Unique IX, before		Unique IX, after
WBME-CD D17 DC BL	98.4	13,279	82.3	11,153		
WBME17MAX1 D17 DC APP	102.4	13,254			84.3	11,033
KYIN D18 DT LIC	51.4	5,755	46.4	5,745	46.4	5,745
WMEU-CD D18 DC BL	48.5	5,288	28.4	3,943	27.3	3,938
WMTV D19 DT LIC	109.4	2,918	98.4	2,067	97.4	1,977
