

Cohen, Dippell and Everist, P.C.

Per your request attached is the current interference analysis to support WAND(TV) request to modification from the assigned Post-Incentive Auction Transition Phase assignment Phase 7 to Transition Phase 9 with a phase completion date of May1, 2020. It is noted that eliminated from this interference study is WRSP-TV, licensed to Springfield, Illinois. WRSP-TV has filed and approved to change from Transition Phase 7 to Phase 9.

Therefore, the only station that will receive impermissible interference due to the change in phase assignment is KWQC-TV, licensed to Davenport, Iowa. KWQC-TV is co-channel to the current WAND(TV) operation. Based on TVStudy 2.2 with the settings of 2 km study cell size and profile spacing of 1.0 km finds WAND(TV) new interference to KWQC-TV is 3.08% (Table I) and WAND(TV) receives 7.61% new interference from KWQC-TV (Table II).

COHEN, DIPPELL AND EVERIST, P.C.

TABLE I

TVSTUDY 2.2

BASED ON FCC DATABASE

DATED JANUARY 14, 2020

PREDICTED LONGLEY-RICE INTERFERENCE

BY WAND(TV) LICENSED OPERATION

TO KWQC-TV CONSTRUCTION PERMIT

FCC FILE NO. 0000033932

WITH THE PROPOSED WRSP-TV OPERATION

FCC FILE NO. 0000034422

NOT SHOWN

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: WAND-PhaseChange-IX, Model: Longley-Rice

Start: 2020.01.15 11:58:37

Study created: 2020.01.15 11:58:37

Study build station data: LMS TV 2020-01-14

Proposal: WAND D17 DT LIC DECATUR, IL

File number: BLCDT20130709ABN

Facility ID: 70852

Station data: LMS TV 2020-01-14

Record ID: 54c43ac2d31f443fba2fcf6212b6c0ea

Country: U.S.

Zone: I

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Individual records excluded:

0000034422 WRSP-TV D16 DT CP SPRINGFIELD, IL BLANK0000034422

62009 WRSP-TV D16 DT BL SPRINGFIELD, IL DTVBL62009

62182 KETC D17 DT BL ST. LOUIS, MO DTVBL62182

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WTVB	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	261.1 km
Yes	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	224.9
Yes	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	196.6
No	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	225.9
No	WKMU	D17	DT	LIC	MURRAY, KY	BLANK0000087481	363.2
Yes	WKOH	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	267.2
No	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	465.9
No	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000034787	404.5
Yes	KMIZ	D17	DT	LIC	COLUMBIA, MO	BLANK0000089534	345.7
Yes	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	380.8
No	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	359.1
Yes	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000034661	53.2
Yes	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000080205	110.8
Yes	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	146.5

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
Latitude: 39 57 8.60 N (NAD83)
Longitude: 88 49 56.60 W
Height AMSL: 598.4 m
HAAT: 390.5 m
Peak ERP: 1000 kW
Antenna: SPX-TFU-31JTH/VP-R T110/C150 (ID 109261) 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.75

39.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	880 kW	387.2 m	108.2 km
45.0	903	390.7	108.9
90.0	986	395.8	110.3
135.0	854	388.0	108.0
180.0	960	391.6	109.6
225.0	934	392.5	109.4
270.0	861	390.2	108.3
315.0	995	384.6	109.3

ERP exceeds maximum

ERP: 1000 kW ERP maximum: 916 kW

Distance to Canadian border: 528.5 km

Distance to Mexican border: 1607.6 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 38.2 degrees Distance: 380.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 276.2 degrees Distance: 1392.9 km

No land mobile station failures found

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 BLANK0000033932 CP scenario 1

**IX: 3.08% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	224.9 km
	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	135.8
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	257.3
	WEAU	D17	DT	CP	La crosse, WI	BLANK0000034098	348.7
	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	272.1

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	35483.2	1,063,507	35194.8	1,054,618	34777.8	1,037,722	33232.1	1,005,732	4.44 3.08

Undesired	Total IX	Unique IX, before	Unique IX, after
WAND D17 DT LIC 1766.4 40,997	1545.7 31,990		
WTVO D16 DT LIC 56.0 230 44.0 184	44.0 184		
WYIN D17 DT LIC 245.0 9,357 205.0 8,648	28.2 314		
WEAU D17 DT CP 160.0 7,671 128.1 7,355	116.1 7,285		
WBME-CD D17 DC LIC 16.0 426 0.0 0	0.0 0		

Interference to BLEDT20040206AAA LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	196.6 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	257.3

WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000034787	209.6
WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	62.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
17953.5	6,956,141	17953.5	6,956,141	17836.8	6,881,077	17712.5	6,876,835	0.70 0.06

Undesired		Total IX		Unique IX, before		Unique IX, after
WAND D17 DT LIC	176.7	9,195			124.3	4,242
KWQC-TV D17 DT CP	48.4	8,443	48.4	8,443	16.1	3,850
WOTV D17 DT CP	44.3	1,564	44.3	1,564	24.2	1,204
WMEU-CD D18 DC LIC	24.0	65,057	24.0	65,057	24.0	65,057

Interference to BLANK0000087401 LIC scenario 1

**IX: 1.37% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKOH	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLC DT20130709ABN	267.2 km
	WKMU	D17	DT	LIC	MURRAY, KY	BLANK0000087481	167.3
	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	233.5
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	282.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
12634.1	584,645	12510.9	579,258	12260.1	576,022	12061.1	568,111	1.62 1.37

Undesired		Total IX		Unique IX, before		Unique IX, after
WAND D17 DT LIC	262.7	8,520			199.0	7,911
WKMU D17 DT LIC	211.1	2,786	191.3	2,476	159.3	2,241
WKSO-TV D17 DT LIC	51.5	720	35.7	438	19.9	300
WCET D17 DT LIC	8.0	40	4.0	12	4.0	12

Interference to BLANK0000089534 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMIZ	D17	DT	LIC	COLUMBIA, MO	BLANK0000089534	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLC DT20130709ABN	345.7 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	355.1
	KSNF	D17	DT	LIC	JOPLIN, MO	BLANK0000071604	257.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
22229.0 532,025	21993.8 530,008	21727.2 525,711	21707.1 525,684	0.09 0.01
Undesired	Total IX	Unique IX, before	Unique IX, after	
WAND D17 DT LIC	24.1 43		20.1 27	
KWQC-TV D17 DT CP	8.0 40	8.0 40	4.0 24	
KSNF D17 DT LIC	258.7 4,257	258.7 4,257	258.7 4,257	

Interference to BLANK0000087307 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	380.8 km
	WBKI	D16	DT	LIC	SALEM, IN	BLANK0000087860	143.7
	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	168.1
	WKOI	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	282.2
	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	219.1
	WVVA	D17	DT	LIC	BLUEFIELD, WV	BLANK0000087309	358.1
	WSTR-TV	D18	DT	CP	CINCINNATI, OH	BLANK0000034777	8.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23764.5 3,123,290	23563.8 3,110,519	22804.6 3,069,737	22804.6 3,069,737	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WAND D17 DT LIC	4.0 69		0.0 0	
WBKI D16 DT LIC	140.2 6,947	128.2 6,759	128.2 6,759	
WALV-CD D17 DC LIC	342.5 15,338	290.4 14,166	290.4 14,166	
WKOI D17 DT LIC	4.0 47	0.0 0	0.0 0	
WKSO-TV D17 DT LIC	108.4 2,042	56.3 867	52.3 798	
WVVA D17 DT LIC	44.0 610	20.0 174	20.0 174	
WSTR-TV D18 DT CP	208.3 17,602	184.2 17,153	184.2 17,153	

Interference to BLANK0000034661 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000034661	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	53.2 km

WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	121.0
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
4726.7	231,485	4726.7	231,485	4690.5	231,372	4537.1 230,259 3.27 0.48
Undesired	Total IX		Unique IX, before		Unique IX, after	
WAND D17 DT LIC	157.4	1,121			153.4 1,113	
WAWV-TV D18 DT LIC	36.3	113	36.3	113	32.3 105	

Interference to BLANK0000080205 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000080205	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	110.8 km
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000034661	163.9
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	231.4
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
20020.4	541,118	19924.7	540,495	19908.8	540,405	19699.0 538,845 1.05 0.29	
Undesired	Total IX		Unique IX, before		Unique IX, after		
WAND D17 DT LIC	209.8	1,560			209.8 1,560		
WBXC-CD D18 DC CP	4.0	10	4.0	10	4.0 10		
WAWV-TV D18 DT LIC	12.0	80	12.0	80	12.0 80		

Interference to BLANK0000087258 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	
Undesireds:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	146.5 km
	WBXC-CD	D18	DC	CP	CHAMPAIGN/URBANA, IL	BLANK0000034661	121.0
	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000080205	231.4
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	278.7
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	256.2
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	BLANK0000087049	166.5
	WSTR-TV	D18	DT	CP	CINCINNATI, OH	BLANK0000034777	247.0
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX	

23991.3	705,790	23843.4	700,361	23158.0	685,718	23110.4	685,361	0.21	0.05
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Undesired		Total IX	Unique IX, before	Unique IX, after
WAND D17 DT LIC	258.7	3,112		47.6 357
WBXC-CD D18 DC CP	485.5	4,818	485.5 4,818	274.4 2,063
WSEC D18 DT CP	4.0	62	0.0 0	0.0 0
WFWA D18 DT LIC	36.0	833	12.1 98	12.1 98
WKYU-TV D18 DT LIC	24.0	827	0.0 0	0.0 0
WMYO-CD D18 DC LIC	64.0	3,049	24.0 1,878	24.0 1,878
WSTR-TV D18 DT CP	159.9	7,798	103.9 6,292	103.9 6,292

Interference to proposal scenario 1
1.72% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	
Undesireds:	WTCT	D17	DT	LIC	MARION, IL	BLCDT20060629ACN	266.7 km
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	196.6
	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	225.9
	WKOH	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	267.2
	KMIZ	D17	DT	LIC	COLUMBIA, MO	BLANK0000089534	345.7
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	146.5

Service area	Terrain-limited	IX-free	Percent IX
37370.6 1,400,271	37318.6 1,398,521	35287.2 1,374,525	5.44 1.72

Undesired		Total IX	Unique IX	Prcnt Unique IX
WTCT D17 DT LIC	455.2	6,166	447.3 6,048	1.20 0.43
WYIN D17 DT LIC	1361.5	10,873	1361.5 10,873	3.65 0.78
WALV-CD D17 DC LIC	4.0	7	4.0 7	0.01 0.00
WKOH D17 DT LIC	4.0	37	4.0 37	0.01 0.00
KMIZ D17 DT LIC	4.0	39	4.0 39	0.01 0.00
WAWV-TV D18 DT LIC	210.5	6,992	202.6 6,874	0.54 0.49

COHEN, DIPPELL AND EVERIST, P.C.

TABLE II

TVSTUDY 2.2

BASED ON FCC DATABASE

DATED JANUARY 14, 2020

PREDICTED LONGLEY-RICE INTERFERENCE

BY KWQC-TV CONSTRUCTION PERMIT

FCC FILE NO. 0000033932

TO WAND(TV) LICENSED OPERATION

WITH THE PROPOSED WRSP-TV OPERATION

FCC FILE NO. 0000034422

NOT SHOWN

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: KWQC-CP-Jan, Model: Longley-Rice
Start: 2020.01.15 14:52:06

Study created: 2020.01.15 14:52:05

Study build station data: LMS TV 2020-01-14

Proposal: KWQC-TV D17 DT CP DAVENPORT, IA
File number: BLANK0000033932
Facility ID: 6885
Station data: LMS TV 2020-01-14
Record ID: 25076f915eaa0135015f01964adf408a
Country: U.S.
Zone: II

Build options:
Protect pre-transition records not on baseline channel

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Individual records excluded:
0000034422 WRSP-TV D16 DT CP SPRINGFIELD, IL BLANK0000034422
62009 WRSP-TV D16 DT BL SPRINGFIELD, IL DTVBL62009
62182 KETC D17 DT BL ST. LOUIS, MO DTVBL62182

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	262.3 km
Yes	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	135.8
No	KDAO-CD	D17-	DC	LIC	MARSHALLTOWN, IA	BLANK0000068435	210.8
Yes	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	224.9
No	WTCT	D17	DT	LIC	MARION, IL	BLCDT20060629ACN	460.6
Yes	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	257.3
No	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000034787	428.6
Yes	KMIZ	D17	DT	LIC	COLUMBIA, MO	BLANK0000089534	355.1
No	KYNE-TV	D17	DT	LIC	OMAHA, NE	BLANK0000019249	463.1
No	KYNE-TV	D17	DT	APP	OMAHA, NE	BLANK0000035901	463.1
Yes	WEAU	D17	DT	CP	La crosse, WI	BLANK0000034098	348.7

Yes	WLAX	D17	DT	LIC	LA CROSSE, WI	BLCDT20081105ABY	261.4
Yes	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	272.1
No	WSEC	D18	DT	CP	JACKSONVILLE, IL	BLANK0000080205	219.1
Yes	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000034381	184.7
No	WVTV	D18	DT	LIC	MILWAUKEE, WI	BLCDT20101012ADH	272.7

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

WOC 1420 L DA2 D DAVENPORT, IA BL

WOC 1420 L DA2 N DAVENPORT, IA BL

Record parameters as studied:

Channel: D17

Latitude: 41 32 48.80 N (NAD83)

Longitude: 90 28 37.80 W

Height AMSL: 579.4 m

HAAT: 375.1 m

Peak ERP: 1000 kW

Antenna: DIE-TFU-27JSC/VP-R 04SP (ID 1002171) 0.0 deg

Elev Pattn: Generic

Elec Tilt: 0.70

39.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	964 kW	352.8 m	105.8 km
45.0	522	367.8	101.5
90.0	848	388.4	108.0
135.0	879	388.3	108.3
180.0	810	381.1	106.8
225.0	944	392.7	109.5
270.0	904	375.1	107.3
315.0	794	354.9	104.2

ERP exceeds maximum

ERP: 1000 kW ERP maximum: 966 kW

Distance to Canadian border: 609.5 km

Distance to Mexican border: 1636.1 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 71.0 degrees Distance: 391.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 267.8 degrees Distance: 1248.1 km

No land mobile station failures found

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 BLCDT20021024AAS LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTVO	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	147.6 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	135.8
	KDSM-TV	D16	DT	LIC	DES MOINES, IA	BLCDT20110609ABE	370.2

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	18475.0	1,409,708	18335.0	1,398,825	18274.8	1,398,025	18202.6	1,395,998
							0.39	0.14

Undesired	Total IX	Unique IX, before	Unique IX, after
KWQC-TV D17 DT BL	56.2	783	56.2
KWQC-TV D17 DT CP	128.4	2,810	128.4
KDSM-TV D16 DT LIC	4.0	17	4.0

Interference to BLCDT20130709ABN LIC scenario 1

**IX: 7.61% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAND	D17	DT	LIC	DECATUR, IL	BLCDT20130709ABN	

Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	199.7 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	224.9
	WTCT	D17	DT	LIC	MARION, IL	BLCDT20060629ACN	266.7
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	196.6
	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	225.9
	WKOH	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	267.2
	KMIZ	D17	DT	LIC	COLUMBIA, MO	BLANK0000089534	345.7
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	146.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
37370.6	1,400,271	37318.6	1,398,521	35287.2	1,374,525	34140.1	1,269,960	3.25 7.61

Undesired		Total IX		Unique IX, before		Unique IX, after
KWQC-TV D17 DT CP	1745.0	110,759			1147.2	104,565
WTCT D17 DT LIC	455.2	6,166	447.3	6,048	447.3	6,048
WYIN D17 DT LIC	1361.5	10,873	1361.5	10,873	767.6	4,718
WALV-CD D17 DC LIC	4.0	7	4.0	7	4.0	7
WKOH D17 DT LIC	4.0	37	4.0	37	4.0	37
KMIZ D17 DT LIC	4.0	39	4.0	39	0.0	0
WAWV-TV D18 DT LIC	210.5	6,992	202.6	6,874	202.6	6,874

Interference to BLEDT20040206AAA LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	248.7 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	257.3
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000034787	209.6
	WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	62.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
17953.5	6,956,141	17953.5	6,956,141	17836.8	6,881,096	17836.8	6,881,077	-0.00 0.00

Undesired		Total IX		Unique IX, before		Unique IX, after
KWQC-TV D17 DT BL	48.4	8,424	48.4	8,424		
KWQC-TV D17 DT CP	48.4	8,443			48.4	8,443
WOTV D17 DT CP	44.3	1,564	44.3	1,564	44.3	1,564
WMEU-CD D18 DC LIC	24.0	65,057	24.0	65,057	24.0	65,057

Interference to BLANK0000089534 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMIZ	D17	DT	LIC	COLUMBIA, MO	BLANK0000089534	
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	337.3 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	355.1
	KSNF	D17	DT	LIC	JOPLIN, MO	BLANK0000071604	257.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
22229.0 532,025		21993.8 530,008		21731.2 525,727		21727.2 525,711	0.02 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KWQC-TV D17 DT BL		4.0 24		4.0 24			
KWQC-TV D17 DT CP		8.0 40				8.0 40	
KSNF D17 DT LIC		258.7 4,257		258.7 4,257		258.7 4,257	

Interference to BLANK0000034098 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEAU	D17	DT	CP	La crosse, WI	BLANK0000034098	
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	375.5 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	348.7
	WJFW-TV	D16	DT	LIC	RHINELANDER, WI	BLCDT20070222AOP	177.0
	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	297.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
49985.9 1,046,766		48960.9 1,006,261		48437.1 1,003,928		48321.1 1,002,673	0.24 0.13
Undesired		Total IX		Unique IX, before		Unique IX, after	
KWQC-TV D17 DT BL		52.0 1,205		47.9 1,163			
KWQC-TV D17 DT CP		168.0 2,460				163.9 2,418	
WJFW-TV D16 DT LIC		471.8 1,128		471.8 1,128		471.8 1,128	
WBME-CD D17 DC LIC		4.0 42		0.0 0		0.0 0	

Interference to BLCDT20081105ABY LIC scenario 1

**IX: 1.03% interference caused

Desired:	Call WLAX	Chan D17	Svc DT	Status LIC	City, State LA CROSSE, WI	File Number BLCDT20081105ABY	Distance		
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	288.7 km		
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	261.4		
	KQDS-TV	D17	DT	LIC	DULUTH, MN	BLCDT20060707ADN	337.3		
	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	288.1		
	KYIN	D18	DT	LIC	MASON CITY, IA	BLEDT20090612AHJ	113.5		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
26572.4 513,319		25670.9 488,216		25444.0 481,663		24738.4 476,717	2.77 1.03		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KWQC-TV D17 DT CP				761.3 5,339	107.5 460	705.6 4,946			
KQDS-TV D17 DT LIC				107.5 460	107.5 460	107.5 460			
WBME-CD D17 DC LIC				12.0 135	12.0 135	4.0 29			
KYIN D18 DT LIC				107.3 5,958	107.3 5,958	59.7 5,671			

Interference to BLANK0000086894 LIC scenario 1

Desired:	Call WBME-CD	Chan D17	Svc DC	Status LIC	City, State MILWAUKEE, WI	File Number BLANK0000086894	Distance		
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	284.0 km		
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	272.1		
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	200.7		
	WOTV	D17	DT	CP	BATTLE CREEK, MI	BLANK0000034787	209.4		
	WEAU	D17	DT	CP	La crosse, WI	BLANK0000034098	297.8		
	WMSN-TV	D18	DT	CP	MADISON, WI	BLANK0000034381	130.4		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
10872.3 1,843,933		10848.5 1,843,663		10812.7 1,843,065		10812.7 1,843,065	0.00 0.00		
Undesired				Total IX	Unique IX, before	Unique IX, after			
KWQC-TV D17 DT BL				12.0 195	4.0 21	4.0 21			
KWQC-TV D17 DT CP				12.0 195	7.9 117	7.9 117			
WYIN D17 DT LIC				12.0 257	4.0 109	4.0 109			
WOTV D17 DT CP				23.8 324	7.9 117	7.9 117			
WEAU D17 DT CP				15.9 215	0.0 0	0.0 0			
WMSN-TV D18 DT CP				4.0 144	0.0 0	0.0 0			

Interference to BLANK0000034381 CP scenario 1

Desired:	Call WMSN-TV	Chan D18	Svc DT	Status CP	City, State MADISON, WI	File Number BLANK0000034381	Distance
Undesireds:	KWQC-TV	D17	DT	BL	DAVENPORT, IA	DTVBL6885	205.9 km
	KWQC-TV	D17	DT	CP	DAVENPORT, IA	BLANK0000033932	184.7
	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	130.4
	KYIN	D18	DT	LIC	MASON CITY, IA	BLEDT20090612AHJ	261.0
	WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	203.3
	WGN-TV	D19	DT	LIC	CHICAGO, IL	BMLCDT20080201APP	203.3
	WMTV	D19	DT	LIC	MADISON, WI	BLCDT20100413AAW	3.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
35799.4 1,947,942	35240.2 1,927,158	34732.4 1,870,515	34724.5 1,870,319	0.02 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
KWQC-TV D17 DT BL	0.0 0	0.0 0	
KWQC-TV D17 DT CP	12.0 202		8.0 196
WBME-CD D17 DC LIC	75.7 25,342	55.7 22,850	55.7 22,850
KYIN D18 DT LIC	88.0 1,061	88.0 1,061	84.0 1,055
WMEU-CD D18 DC LIC	348.1 32,613	320.1 29,951	320.1 29,951
WGN-TV D19 DT LIC	4.0 104	0.0 0	0.0 0
WMTV D19 DT LIC	20.0 185	15.9 119	15.9 119

Interference to proposal scenario 1
1.60% interference received

Desired:	Call KWQC-TV	Chan D17	Svc DT	Status CP	City, State DAVENPORT, IA	File Number BLANK0000033932	Distance
Undesireds:	WTV0	D16	DT	LIC	ROCKFORD, IL	BLCDT20021024AAS	135.8 km
	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	257.3
	WEAU	D17	DT	CP	La crosse, WI	BLANK0000034098	348.7
	WBME-CD	D17	DC	LIC	MILWAUKEE, WI	BLANK0000086894	272.1

Service area	Terrain-limited	IX-free	Percent IX
35483.2 1,063,507	35194.8 1,054,618	34777.8 1,037,722	1.19 1.60

Undesired	Total IX	Unique IX	Prcnt Unique IX
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WTVO D16 DT LIC	56.0	230	44.0	184	0.12	0.02
WYIN D17 DT LIC	245.0	9,357	205.0	8,648	0.58	0.82
WEAU D17 DT CP	160.0	7,671	128.1	7,355	0.36	0.70
WBME-CD D17 DC LIC	16.0	426	0.0	0	0.00	0.00