

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: W18EZ-D 15K SWR FS 170dgs, Model: Longley-Rice
Start: 2024.01.26 13:06:39

Study created: 2024.01.26 13:06:39

Study build station data: LMS TV 2024-01-26

Proposal: W18EZ-D D18 LD APP DELPHI, IN
File number: W18EZ-D 15K SWR FS 170dgs
Facility ID: 186632
Station data: User record
Record ID: 678
Country: U.S.

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

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WLCF-LD	D17	LD	LIC	DECATUR, IL	BLANK0000121247	216.9 km
No	WEIJ-LD	D17	LD	LIC	FORT WAYNE, IN	BLANK0000177440	140.5
No	WYIN	D17	DT	CP	GARY, IN	BLANK0000210997	157.4
No	WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	157.3
Yes	WISH-TV	D17	LD	LIC	INDIANAPOLIS, IN	BLCDT20110207ACU	34.6
Yes	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	31.4
No	WPBI-LD	D17	LD	LIC	LAFAYETTE, IN	BLANK0000088160	49.8
No	WKOH	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	273.1
No	WOTV	D17	DT	LIC	BATTLE CREEK, MI	BLANK0000141782	274.9
No	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000214010	195.0
No	WTLW-LD	D17	LD	LIC	LIMA, OH	BLANK0000068365	193.0
No	WBXC-CD	D18	DC	LIC	CHAMPAIGN/URBANA, IL	BLANK0000112220	162.2
No	WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	217.5
No	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000196962	218.9
No	WSEC	D18	DT	LIC	JACKSONVILLE, IL	BLANK0000150703	322.9
No	WTVK	D18	LD	LIC	OSWEGO, IL	BLANK0000125101	277.4
No	DWMKB-LP	D18z	LD	APP	Rochelle, IL	BLANK0000054707	313.3
No	WZDS-LD	D18	LD	LIC	EVANSVILLE, IN	BLANK0000176762	275.8
Yes	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	140.5
Yes	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	138.3
No	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	347.1
No	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	BLANK0000161021	206.5
No	WQWQ-LD	D18-	LD	LIC	PADUCAH, KY	BLANK0000205145	411.2
No	WUHO-LD	D18+	LD	LIC	KALAMAZOO, MI	BLANK0000151683	244.2
No	WUHO-LD	D18+	LD	CP	KALAMAZOO, MI	BLANK0000169853	244.2
No	W18ER-D	D18	LD	LIC	MUSKEGON, MI	BLANK0000068548	348.1
No	WEYI-TV	D18	DT	LIC	SAGINAW, MI	BLANK0000185142	400.8
No	W18EY-D	D18	LD	APP	CANTON, OH	BLANK0000212511	412.9
Yes	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	189.8
No	WCBZ-CD	D18	DC	LIC	Columbus, OH	BLANK0000069165	285.1
No	W18ES-D	D18	LD	LIC	MANSFIELD, OH	BLANK0000087113	330.8
No	WOIO	D18	LD	LIC	SHAKER HEIGHTS, OH	BLANK0000079849	412.7
No	WDTJ-LD	D18	LD	CP	TOLEDO, OH	BLANK0000158049	285.4
No	WDTJ-LD	D18	LD	LIC	TOLEDO, OH	BLDTL20121219ABP	285.4
No	WMSN-TV	D18	DT	LIC	MADISON, WI	BLANK0000113879	415.2
No	WLPX-TV	D18	DT	LIC	CHARLESTON, WV	BLANK0000118002	400.8
No	WGN-TV	D19	DT	LIC	CHICAGO, IL	BLANK0000235154	217.5
Yes	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	80.9
No	W19FD-D	D19	LD	LIC	TERRE HAUTE, IN	BLANK0000213529	138.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18
 Mask: Full Service
 Latitude: 40 11 6.60 N (NAD83)
 Longitude: 86 20 10.80 W
 Height AMSL: 360.0 m
 HAAT: 81.0 m
 Peak ERP: 15.0 kW
 Antenna: SWED-L-M8 170deg 350.0 deg
 Elev Pattn: Generic

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.73 kW	81.4 m	38.5 km
45.0	5.49	78.2	37.0
90.0	7.78	77.3	38.6
135.0	13.1	71.2	40.2
180.0	15.0	71.1	40.8
225.0	10.7	75.4	39.9
270.0	5.95	89.7	39.0
315.0	5.95	83.5	38.2

Database HAAT does not agree with computed HAAT
 Database HAAT: 81 m Computed HAAT: 78 m

Distance to Canadian border: 331.4 km

Distance to Mexican border: 1790.5 km

Conditions at FCC monitoring station: Allegan MI
 Bearing: 6.6 degrees Distance: 270.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 276.0 degrees Distance: 1601.3 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

Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

Interference to BLCDT20110207ACU LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WISH-TV	D17	LD	LIC	INDIANAPOLIS, IN	BLCDT20110207ACU	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	34.6 km
	WDNI-CD	D16	DC	LIC	INDIANAPOLIS, IN	BLANK0000086458	14.8
	WYIN	D17	DT	CP	GARY, IN	BLANK0000210997	190.9
	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	4.7
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000214010	167.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
7416.7	1,681,117	7411.8	1,680,943	176.4	28,409	176.4 28,409	0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
W18EZ-D	D18 LD APP	59.1	392			0.0 0	
WDNI-CD	D16 DC LIC	443.3	30,310	2.0	381	2.0 381	
WALV-CD	D17 DC LIC	7232.4	1,652,139	6791.1	1,622,210	6732.0 1,621,818	
WCET	D17 DT LIC	1.0	14	1.0	14	1.0 14	

Interference to BLANK0000090311 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	31.4 km
	WDNI-CD	D16	DC	LIC	INDIANAPOLIS, IN	BLANK0000086458	16.8
	WYIN	D17	DT	CP	GARY, IN	BLANK0000210997	188.4
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000214010	168.1
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	8754.9 1,788,544	8752.9	1,788,544	8684.5	1,775,219	8683.5 1,775,217	0.01 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
W18EZ-D D18 LD APP			1.0	2		1.0 2	
WDNI-CD D16 DC LIC			67.4	13,325		66.4 13,304	
WCET D17 DT LIC			2.0	21		1.0 0	

Interference to BLANK0000063130 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	140.5 km
	WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	221.0
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	278.7
	WEYI-TV	D18	DT	LIC	SAGINAW, MI	BLANK0000185142	264.3
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	219.0
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	113.5
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	18714.8 1,033,968	18709.8	1,033,798	18631.9	1,031,277	18601.1 1,029,597	0.17 0.16
Undesired			Total IX	Unique IX, before		Unique IX, after	
W18EZ-D D18 LD APP			43.8	2,154		30.8 1,680	
WMEU-CD D18 DC LIC			1.0	26		0.0 0	
WAWV-TV D18 DT LIC			1.0	0		0.0 0	
WEYI-TV D18 DT LIC			7.0	123		4.0 95	
WSTR-TV D18 DT LIC			10.0	529		1.0 457	
WIPB D19 DT LIC			67.9	1,941		55.9 1,448	

Interference to BLANK0000063130 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	140.5 km
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000196962	220.9
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	278.7
	WEYI-TV	D18	DT	LIC	SAGINAW, MI	BLANK0000185142	264.3
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	219.0
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	113.5
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	18714.8 1,033,968	18709.8	1,033,798	18631.9	1,031,277	18601.1 1,029,597	0.17 0.16
Undesired			Total IX	Unique IX, before		Unique IX, after	
W18EZ-D D18 LD APP			43.8	2,154		30.8 1,680	
WMEU-CD D18 DC CP			1.0	26		0.0 0	
WAWV-TV D18 DT LIC			1.0	0		0.0 0	
WEYI-TV D18 DT LIC			7.0	123		4.0 95	
WSTR-TV D18 DT LIC			10.0	529		1.0 455	
WIPB D19 DT LIC			67.9	1,941		55.9 1,448	

Interference to BLANK0000087258 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	

Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	138.3 km
	WBXC-CD	D18	DC	LIC	CHAMPAIGN/URBANA, IL	BLANK0000112220	121.0
	WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	293.8
	WSEC	D18	DT	LIC	JACKSONVILLE, IL	BLANK0000150703	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	BLANK0000161021	166.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	247.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23981.1 705,417	23833.7 702,076	23094.3 685,428	22940.6 682,008	0.67 0.50

Undesired	Total IX	Unique IX, before	Unique IX, after
W18EZ-D D18 LD APP	182.6 4,583	153.7 3,420	
WBXC-CD D18 DC LIC	507.4 4,758	504.4 4,749	
WMEU-CD D18 DC LIC	1.0 0	0.0 0	
WSEC D18 DT LIC	1.0 62	0.0 0	
WFWA D18 DT LIC	27.9 1,248	0.0 0	
WKYU-TV D18 DT LIC	21.0 544	4.0 23	
WMYO-CD D18 DC LIC	116.6 5,565	49.8 2,735	
WSTR-TV D18 DT LIC	170.3 8,846	86.6 5,109	

Interference to BLANK0000087258 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	138.3 km
	WBXC-CD	D18	DC	LIC	CHAMPAIGN/URBANA, IL	BLANK0000112220	121.0
	WMEU-CD	D18	DC	CP	CHICAGO, IL	BLANK0000196962	295.9
	WSEC	D18	DT	LIC	JACKSONVILLE, IL	BLANK0000150703	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	BLANK0000161021	166.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	247.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23981.1 705,417	23833.7 702,076	23094.3 685,428	22940.6 682,008	0.67 0.50

Undesired	Total IX	Unique IX, before	Unique IX, after
W18EZ-D D18 LD APP	182.6 4,583	153.7 3,420	
WBXC-CD D18 DC LIC	507.4 4,758	504.4 4,749	
WMEU-CD D18 DC CP	1.0 0	0.0 0	
WSEC D18 DT LIC	1.0 62	0.0 0	
WFWA D18 DT LIC	27.9 1,248	0.0 0	
WKYU-TV D18 DT LIC	21.0 544	4.0 23	
WMYO-CD D18 DC LIC	116.6 5,565	49.8 2,735	
WSTR-TV D18 DT LIC	170.3 8,846	86.6 5,109	

Interference to BLANK0000228070 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	189.8 km
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000214010	8.5
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	219.0
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	247.0
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	290.4
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	BLANK0000161021	146.2
	WCBZ-CD	D18	DC	LIC	Columbus, OH	BLANK0000069165	166.5
	WLPX-TV	D18	DT	LIC	CHARLESTON, WV	BLANK0000118002	214.6
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	124.1
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	147.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28012.6 3,296,407	27755.4 3,287,839	26044.3 3,242,284	26036.4 3,241,902	0.03 0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
W18EZ-D D18 LD APP	21.9	1,695			7.9	382
WCET D17 DT LIC	20.0	503	11.0	137	11.0	137
WFWA D18 DT LIC	84.2	6,276	31.0	619	27.1	576
WAWV-TV D18 DT LIC	191.1	8,008	70.4	2,287	70.4	2,287
WKYU-TV D18 DT LIC	8.0	29	2.0	21	2.0	21
WMYO-CD D18 DC LIC	1098.3	26,211	959.6	20,559	959.6	20,559
WCBZ-CD D18 DC LIC	255.7	8,416	225.8	4,026	225.8	4,026
WLPX-TV D18 DT LIC	117.7	5,216	88.7	4,581	88.7	4,581
WIPB D19 DT LIC	101.7	1,497	77.6	1,243	77.6	1,243
WDKY-TV D19 DT LIC	68.3	1,675	51.2	1,500	51.2	1,500

Interference to BLANK0000228070 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	189.8 km
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000214010	8.5
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	219.0
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	247.0
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLANK0000087258	290.4
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	BLANK0000161021	146.2
	WCBZ-CD	D18	DC	LIC	Columbus, OH	BLANK0000069165	166.5
	WLPX-TV	D18	DT	LIC	CHARLESTON, WV	BLANK0000118002	214.6
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	124.1
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	147.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
28012.6	3,296,407	27755.4	3,287,839	25985.1	3,239,833	25977.1 3,239,451	0.03 0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
W18EZ-D D18 LD APP	21.9	1,695			7.9	382
WCET D17 DT LIC	20.0	503	11.0	137	11.0	137
WFWA D18 DT LIC	84.2	6,276	31.0	619	27.1	576
WAWV-TV D18 DT LIC	191.1	8,008	70.4	2,287	70.4	2,287
WKYU-TV D18 DT LIC	8.0	29	2.0	21	2.0	21
WMYO-CD D18 DC LIC	1098.3	26,211	956.6	20,559	956.6	20,559
WCBZ-CD D18 DC LIC	255.7	8,416	225.8	4,026	225.8	4,026
WLPX-TV D18 DT LIC	117.7	5,216	87.7	4,522	87.7	4,522
WIPB D19 DT LIC	101.7	1,497	77.6	1,243	77.6	1,243
WDKY-TV D19 DT CP	132.6	4,185	110.5	3,951	110.5	3,951

Interference to BLANK0000087336 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	80.9 km
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	113.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	124.1
	WGN-TV	D19	DT	LIC	CHICAGO, IL	BLANK0000235154	273.5
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	262.8
	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	114.1
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	131.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
20487.8	1,964,156	20474.9	1,964,113	20278.9	1,959,171	20246.8 1,958,943	0.16 0.01

Undesired		Total IX	Unique IX, before		Unique IX, after	
W18EZ-D D18 LD APP	32.1	228			32.1	228
WFWA D18 DT LIC	12.9	138	2.0	0	2.0	0
WSTR-TV D18 DT LIC	36.0	508	7.9	87	7.9	87
WGN-TV D19 DT LIC	4.0	481	4.0	481	4.0	481
WDKY-TV D19 DT LIC	68.8	1,334	47.7	1,083	47.7	1,083
WFFT-TV D20 DT LIC	91.4	2,474	80.4	2,336	80.4	2,336
WLWT D20 DT LIC	40.0	817	12.0	315	12.0	315

Interference to BLANK0000087336 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	
Undesireds:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	80.9 km
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	113.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	124.1
	WGN-TV	D19	DT	LIC	CHICAGO, IL	BLANK0000235154	273.5
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	262.8
	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	114.1
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	131.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
20487.8 1,964,156	20474.9 1,964,113	20226.8 1,954,497	20194.8 1,954,269	0.16 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
W18EZ-D D18 LD APP	32.1 228	32.1 228	
WFWA D18 DT LIC	12.9 138	2.0 0	
WSTR-TV D18 DT LIC	36.0 508	6.9 65	
WGN-TV D19 DT LIC	4.0 481	4.0 481	
WDKY-TV D19 DT CP	138.8 6,466	99.8 5,757	
WFFT-TV D20 DT LIC	91.4 2,474	80.4 2,336	
WLWT D20 DT LIC	40.0 817	3.0 19	

Interference to proposal scenario 1
35.08% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W18EZ-D	D18	LD	APP	DELPHI, IN	W18EZ-D 15K SWR FS 170	
Undesireds:	WISH-TV	D17	LD	LIC	INDIANAPOLIS, IN	BLCDT20110207ACU	34.6 km
	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	31.4
	WPBI-LD	D17	LD	LIC	LAFAYETTE, IN	BLANK0000088160	49.8
	WMEU-CD	D18	DC	LIC	CHICAGO, IL	BLANK0000086889	217.5
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	140.5
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	138.3
	WUHO-LD	D18+	LD	LIC	KALAMAZOO, MI	BLANK0000151683	244.2
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000228070	189.8
	WDTJ-LD	D18	LD	CP	TOLEDO, OH	BLANK0000158049	285.4

Service area	Terrain-limited	IX-free	Percent IX
4793.1 629,733	4793.1 629,733	4460.2 408,833	6.95 35.08

Undesired	Total IX	Unique IX	Prcnt Unique IX
WISH-TV D17 LD LIC	272.8 216,546	194.2 141,621	4.05 22.49
WALV-CD D17 DC LIC	78.5 74,925	0.0 0	0.00 0.00
WPBI-LD D17 LD LIC	4.0 87	2.0 71	0.04 0.01
WFWA D18 DT LIC	10.0 2,132	6.0 320	0.13 0.05
WAWV-TV D18 DT LIC	49.2 3,938	44.2 2,046	0.92 0.32
WSTR-TV D18 DT LIC	4.0 105	1.0 9	0.02 0.00