

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WMYO 15 KW ERP, Model: Longley-Rice
Start: 2021.09.22 15:44:54

Study last edited: 2021.09.22 15:44:50

Proposal: WMYO-CD D18 DC LIC LOUISVILLE, KY
File number: WMYO 15 KW ERP
Facility ID: 25078
Station data: User record
Record ID: 65
Country: U.S.

Proposal "before": WMYO-CD D18 DC BL LOUISVILLE, KY
File number: DTVBL25078
Facility ID: 25078
Station data: LMS TV 2021-09-22
Record ID: DTVBL25078
Country: U.S.

Study has been edited. Stations studied for impact of proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	141.1 km
WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	166.5
WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	154.5
WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	146.2
WPXK-TV	D18	DT	LIC	JELICO, TN	BLANK0000081463	311.5
WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	142.6
WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	142.6

Record parameters as studied:

Channel: D18
Mask: Full Service
Latitude: 38 22 8.40 N (NAD83)
Longitude: 85 49 47.60 W
Height AMSL: 520.6 m
HAAT: 329.6 m
Peak ERP: 11.2 kW
Antenna: DIE-TFU-24WB C-160H (ID 1004580) 140.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.10 kW	320.4 m	48.2 km
45.0	7.40	370.7	57.5
90.0	10.8	367.0	59.4
135.0	10.6	379.1	59.8
180.0	11.2	380.4	60.2
225.0	8.33	264.6	52.6
270.0	2.84	274.7	47.5
315.0	4.38	279.8	50.0

Distance to Canadian border: 453.7 km

Distance to Mexican border: 1710.6 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 358.7 degrees Distance: 471.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 282.7 degrees Distance: 1677.5 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 BLANK0000087307 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	142.0 km

WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	141.1
WBKI	D16	DT	LIC	SALEM, IN	BLANK0000149848	143.7
WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	168.1
WKOH	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	LIC	CINCINNATI, OH	BLANK0000157764	8.5
Service area		Terrain-limited		IX-free, before		IX-free, after
23730.4	3,123,831	23476.4	3,109,897	22658.7	3,058,222	22659.7 3,058,222
Percent New IX		-0.00		0.00		
Undesired		Total IX		Unique IX, before		Unique IX, after
WMYO-CD D18 DC BL	1.0	0	1.0	0		
WMYO-CD D18 DC LIC	0.0	0		0.0	0	
WBKI D16 DT LIC	168.6	8,540	154.6	7,760	154.6	7,760
WALV-CD D17 DC LIC	349.6	16,841	313.6	16,232	313.6	16,232
WKOH D17 DT LIC	2.0	650	0.0	0	0.0	0
WKSO-TV D17 DT LIC	77.1	2,064	47.1	863	47.1	863
WVVA D17 DT LIC	31.9	996	17.0	311	17.0	311
WSTR-TV D18 DT LIC	254.5	25,353	230.5	24,691	230.5	24,691

Interference to BLANK0000087307 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	142.0 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	141.1
	WBKI	D16	DT	LIC	SALEM, IN	BLANK0000149848	143.7
	WALV-CD	D17	DC	LIC	INDIANAPOLIS, IN	BLANK0000090311	168.1
	WKOH	D17	DT	LIC	OWENSBORO, KY	BLANK0000087401	282.2
	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	219.1
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000127491	358.1
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	8.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
23730.4	3,123,831	23476.4	3,109,897	22649.7	3,058,121	22650.7 3,058,121	-0.00 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
WMYO-CD D18 DC BL	1.0	0	1.0	0			
WMYO-CD D18 DC LIC	0.0	0		0.0	0		
WBKI D16 DT LIC	168.6	8,540	154.6	7,760	154.6	7,760	
WALV-CD D17 DC LIC	349.6	16,841	313.6	16,232	313.6	16,232	
WKOH D17 DT LIC	2.0	650	0.0	0	0.0	0	
WKSO-TV D17 DT LIC	77.1	2,064	46.1	844	46.1	844	
WVVA D17 DT CP	42.9	1,116	25.9	412	25.9	412	
WSTR-TV D18 DT LIC	254.5	25,353	229.5	24,691	229.5	24,691	

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:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	166.0 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	166.5
	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
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	247.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
23981.1	705,417	23833.7	702,076	23142.1	688,102	23094.3 685,428	0.21 0.39
Undesired		Total IX		Unique IX, before		Unique IX, after	
WMYO-CD D18 DC BL	21.9	714	2.0	61			
WMYO-CD D18 DC LIC	116.6	5,565		49.8	2,735		
WBXC-CD D18 DC LIC	507.4	4,758	505.4	4,758	505.4	4,758	
WMEU-CD D18 DC LIC	1.0	0	0.0	0	0.0	0	
WSEC D18 DT LIC	1.0	62	0.0	0	0.0	0	
WFWA D18 DT LIC	27.9	1,248	7.0	235	7.0	235	
WKYU-TV D18 DT LIC	21.0	544	3.0	15	4.0	23	
WSTR-TV D18 DT LIC	170.3	8,846	130.4	7,254	86.6	5,109	

Interference to BLEDT20040803AAG LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	153.9 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	154.5
	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	143.2

	WZDX	D18	DT	LIC	HUNTSVILLE, AL	BLANK0000108705	258.8
	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	256.2
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	290.4
	WPXK-TV	D18	DT	LIC	JELLICO, TN	BLANK0000081463	252.0
Service area	411,399	Terrain-limited	14609.2	409,135	IX-free, before	IX-free, after	Percent New IX
14796.6					14366.6	404,196	0.17 0.09
Undesired				Total IX	Unique IX, before	Unique IX, after	
WMYO-CD D18 DC BL	117.6			1,536	67.0	920	
WMYO-CD D18 DC LIC	145.0			2,033		91.4	1,283
WKS0-TV D17 DT LIC	1.0			0	0.0	0.0	0
WZDX D18 DT LIC	56.3			1,400	42.2	1,071	964
WAWV-TV D18 DT LIC	78.0			1,761	47.6	1,442	46.6
WSTR-TV D18 DT LIC	63.7			1,101	24.1	756	19.1
WPXK-TV D18 DT LIC	9.1			94	2.0	0	1.0

Interference to BLANK0000157764 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	147.1 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	146.2
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	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	BLANK00000803AAG	290.4
	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	3,296,407	Terrain-limited	27755.4	3,287,839	IX-free, before	IX-free, after	Percent New IX
28012.6					26674.1	3,250,916	2.36 0.27
Undesired				Total IX	Unique IX, before	Unique IX, after	
WMYO-CD D18 DC BL	421.6			15,492	329.8	11,927	
WMYO-CD D18 DC LIC	1098.3			26,211		959.6	20,559
WCET D17 DT LIC	20.0			503	11.0	137	137
WFWA D18 DT LIC	84.2			6,276	33.0	619	31.0
WAWV-TV D18 DT LIC	191.1			8,008	96.2	2,908	70.4
WKYU-TV D18 DT LIC	8.0			29	2.0	21	2.0
WCBZ-CD D18 DC LIC	255.7			8,416	226.8	4,034	225.8
WLPX-TV D18 DT LIC	117.7			5,216	92.7	4,801	88.7
WIPB D19 DT LIC	101.7			1,497	77.6	1,243	77.6
WDKY-TV D19 DT LIC	68.3			1,675	52.2	1,482	51.2

Interference to BLANK0000157764 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	147.1 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	146.2
	WCET	D17	DT	LIC	CINCINNATI, OH	BLANK0000087307	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	BLANK00000803AAG	290.4
	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	3,296,407	Terrain-limited	27755.4	3,287,839	IX-free, before	IX-free, after	Percent New IX
28012.6					26613.9	3,248,465	2.36 0.27
Undesired				Total IX	Unique IX, before	Unique IX, after	
WMYO-CD D18 DC BL	421.6			15,492	327.8	11,927	
WMYO-CD D18 DC LIC	1098.3			26,211		956.6	20,559
WCET D17 DT LIC	20.0			503	11.0	137	137
WFWA D18 DT LIC	84.2			6,276	33.0	619	31.0
WAWV-TV D18 DT LIC	191.1			8,008	96.2	2,908	70.4
WKYU-TV D18 DT LIC	8.0			29	2.0	21	2.0
WCBZ-CD D18 DC LIC	255.7			8,416	226.8	4,034	225.8
WLPX-TV D18 DT LIC	117.7			5,216	91.7	4,742	87.7
WIPB D19 DT LIC	101.7			1,497	77.6	1,243	77.6
WDKY-TV D19 DT CP	132.6			4,185	112.5	3,933	110.5

Interference to BLANK0000081463 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXK-TV	D18	DT	LIC	JELLICO, TN	BLANK0000081463	

Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	311.6 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	311.5
	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	151.4
	WHNS	D17	DT	LIC	GREENVILLE, SC	BLANK0000083635	145.9
	WZDX	D18	DT	LIC	HUNTSVILLE, AL	BLANK0000108705	274.1
	WUVG-DT	D18	DT	LIC	ATHENS, GA	BLANK0000081094	247.0
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	252.0
	WCCB	D18	DT	LIC	CHARLOTTE, NC	BLANK0000097908	300.9
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	358.8
	WLPX-TV	D18	DT	LIC	CHARLESTON, WV	BLANK0000118002	317.3
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001584	134.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
40509.8 1,802,530	32383.2 1,578,910	31110.2 1,542,733	31111.2 1,542,733	-0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WMYO-CD D18 DC BL	12.0	17	1.0	0		
WMYO-CD D18 DC LIC	15.1	315			0.0	0
WKSO-TV D17 DT LIC	96.3	4,245	25.1	1,252	25.1	1,252
WHNS D17 DT LIC	23.0	513	10.0	513	10.0	513
WZDX D18 DT LIC	635.3	20,366	291.3	10,015	291.3	10,015
WUVG-DT D18 DT LIC	375.7	8,285	187.4	3,355	187.4	3,355
WKYU-TV D18 DT LIC	388.9	11,715	85.7	1,681	86.7	1,681
WCCB D18 DT LIC	90.7	725	47.8	290	47.8	290
WSTR-TV D18 DT LIC	84.2	2,166	19.0	95	19.0	95
WLPX-TV D18 DT LIC	129.4	3,028	56.2	1,444	56.2	1,444
WKPZ-CD D19 DC LIC	79.5	3,744	64.4	3,325	64.4	3,325

Interference to BLANK0000081463 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXK-TV	D18	DT	LIC	JELICO, TN	BLANK0000081463	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	311.6 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	311.5
	WKSO-TV	D17	DT	LIC	SOMERSET, KY	BLANK0000087465	151.4
	WHNS	D17	DT	LIC	GREENVILLE, SC	BLANK0000083635	145.9
	WZDX	D18	DT	LIC	HUNTSVILLE, AL	BLANK0000108705	274.1
	WUVG-DT	D18	DT	LIC	ATHENS, GA	BLANK0000081094	247.0
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	252.0
	WCCB	D18	DT	LIC	CHARLOTTE, NC	BLANK0000097908	300.9
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	358.8
	WLPX-TV	D18	DT	LIC	CHARLESTON, WV	BLANK0000118002	317.3
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001597	134.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
40509.8 1,802,530	32383.2 1,578,910	31110.2 1,542,733	31111.2 1,542,733	-0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WMYO-CD D18 DC BL	12.0	17	1.0	0		
WMYO-CD D18 DC LIC	15.1	315			0.0	0
WKSO-TV D17 DT LIC	96.3	4,245	25.1	1,252	25.1	1,252
WHNS D17 DT LIC	23.0	513	10.0	513	10.0	513
WZDX D18 DT LIC	635.3	20,366	291.3	10,015	291.3	10,015
WUVG-DT D18 DT LIC	375.7	8,285	187.4	3,355	187.4	3,355
WKYU-TV D18 DT LIC	388.9	11,715	85.7	1,681	86.7	1,681
WCCB D18 DT LIC	90.7	725	47.8	290	47.8	290
WSTR-TV D18 DT LIC	84.2	2,166	19.0	95	19.0	95
WLPX-TV D18 DT LIC	129.4	3,028	56.2	1,444	56.2	1,444
WKPZ-CD D19 DC LIC	79.5	3,744	64.4	3,325	64.4	3,325

Interference to BLANK0000072980 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	CP	HUNTSVILLE, AL	BLANK0000127591	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001584	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28852.0 1,204,982	27738.4 1,174,362	26998.6 1,151,503	27088.4 1,156,854	-0.33 -0.46

Undesired	Total IX		Unique IX, before		Unique IX, after	
WMYO-CD D18 DC BL	102.9	5,509	89.8	5,351		
WMYO-CD D18 DC LIC	1.0	0			0.0	0
WSTR-TV D18 DT LIC	13.0	211	2.0	6	2.0	6

WHNT-TV D19 DT CP	3.0	71	3.0	71	3.0	71
WIPB D19 DT LIC	109.4	1,140	69.2	442	81.3	600
WCLL-CD D19 DC LIC	1.0	0	1.0	0	1.0	0
WKPZ-CD D19 DC LIC	20.0	2,208	15.0	1,276	15.0	1,276
WYMT-TV D20 DT APP	437.7	12,684	432.7	11,752	432.7	11,752
WLWT D20 DT LIC	107.0	2,871	78.0	2,126	78.0	2,126

Interference to BLANK0000072980 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	CP	HUNTSVILLE, AL	BLANK0000127591	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001597	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
28852.0		1,204,982		27738.4		1,151,503	-0.33 -0.46

Undesired	Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	102.9	5,509	89.8
WMYO-CD D18 DC LIC	1.0	0	0.0
WSTR-TV D18 DT LIC	13.0	211	2.0
WHNT-TV D19 DT CP	3.0	71	3.0
WIPB D19 DT LIC	109.4	1,140	69.2
WCLL-CD D19 DC LIC	1.0	0	1.0
WKPZ-CD D19 DC LIC	20.0	2,208	15.0
WYMT-TV D20 DT APP	437.7	12,684	432.7
WLWT D20 DT LIC	107.0	2,871	78.0

Interference to BLANK0000072980 LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	LIC	HUNTSVILLE, AL	BLCDDT20111118COZ	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001584	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
28852.0		1,204,982		27738.4		1,151,512	-0.33 -0.46

Undesired	Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	102.9	5,509	89.8
WMYO-CD D18 DC LIC	1.0	0	0.0
WSTR-TV D18 DT LIC	13.0	211	2.0
WHNT-TV D19 DT LIC	2.0	62	2.0
WIPB D19 DT LIC	109.4	1,140	69.2
WCLL-CD D19 DC LIC	1.0	0	1.0
WKPZ-CD D19 DC LIC	20.0	2,208	15.0
WYMT-TV D20 DT APP	437.7	12,684	432.7
WLWT D20 DT LIC	107.0	2,871	78.0

Interference to BLANK0000072980 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	LIC	HUNTSVILLE, AL	BLCDDT20111118COZ	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001597	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
28852.0		1,204,982		27738.4		1,151,512	-0.33 -0.46

Undesired				Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	102.9			5,509	89.8	5,351
WMYO-CD D18 DC LIC	1.0			0		0.0
WSTR-TV D18 DT LIC	13.0			211	2.0	2.0
WHNT-TV D19 DT LIC	2.0			62	2.0	2.0
WIPB D19 DT LIC	109.4			1,140	69.2	81.3
WCLL-CD D19 DC LIC	1.0			0	1.0	1.0
WKPZ-CD D19 DC LIC	20.0			2,208	15.0	15.0
WYMT-TV D20 DT APP	437.7			12,684	432.7	432.7
WLWT D20 DT LIC	107.0			2,871	78.0	78.0

Interference to BLANK0000127585 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	CP	HUNTSVILLE, AL	BLANK0000127591	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001584	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3
Service area		Terrain-limited			IX-free, before	IX-free, after	Percent New IX
34744.7	1,322,048	33078.9	1,281,480		32134.0	32294.3	-0.50 -0.58

Undesired				Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	184.5			7,525	161.3	7,323
WMYO-CD D18 DC LIC	5.0			67		1.0
WSTR-TV D18 DT LIC	48.0			835	9.0	9.0
WHNT-TV D19 DT CP	20.0			407	17.0	17.0
WIPB D19 DT LIC	140.4			2,368	70.2	89.4
WCLL-CD D19 DC LIC	1.0			0	0.0	0.0
WKPZ-CD D19 DC LIC	21.0			1,726	12.0	12.0
WYMT-TV D20 DT APP	454.3			10,527	448.3	448.3
WLWT D20 DT LIC	190.9			5,526	128.9	128.9

Interference to BLANK0000127585 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	CP	HUNTSVILLE, AL	BLANK0000127591	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001597	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3
Service area		Terrain-limited			IX-free, before	IX-free, after	Percent New IX
34744.7	1,322,048	33078.9	1,281,480		32134.0	32294.3	-0.50 -0.58

Undesired				Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	184.5			7,525	161.3	7,323
WMYO-CD D18 DC LIC	5.0			67		1.0
WSTR-TV D18 DT LIC	48.0			835	9.0	9.0
WHNT-TV D19 DT CP	20.0			407	17.0	17.0
WIPB D19 DT LIC	140.4			2,368	70.2	89.4
WCLL-CD D19 DC LIC	1.0			0	0.0	0.0
WKPZ-CD D19 DC LIC	21.0			1,726	12.0	12.0
WYMT-TV D20 DT APP	454.3			10,527	448.3	448.3
WLWT D20 DT LIC	190.9			5,526	128.9	128.9

Interference to BLANK0000127585 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	LIC	HUNTSVILLE, AL	BLCDT20111118C0Z	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001584	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34744.7 1,322,048	33078.9 1,281,480	32144.0 1,255,132	32304.3 1,262,409	-0.50 -0.58

Undesired	Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	184.5 7,525	161.3 7,323	
WMYO-CD D18 DC LIC	5.0 67		1.0 46
WSTR-TV D18 DT LIC	48.0 835	9.0 16	9.0 16
WHNT-TV D19 DT LIC	10.0 206	7.0 110	7.0 110
WIPB D19 DT LIC	140.4 2,368	70.2 1,158	89.4 1,339
WCLL-CD D19 DC LIC	1.0 0	0.0 0	0.0 0
WKPZ-CD D19 DC LIC	21.0 1,726	12.0 1,388	12.0 1,388
WYMT-TV D20 DT APP	454.3 10,527	448.3 10,285	448.3 10,285
WLWT D20 DT LIC	190.9 5,526	128.9 3,906	128.9 3,906

Interference to BLANK0000127585 CP scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	
Undesireds:	WMYO-CD	D18	DC	BL	LOUISVILLE, KY	DTVBL25078	143.3 km
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	142.6
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	147.7
	WHNT-TV	D19	DT	LIC	HUNTSVILLE, AL	BLCDT20111118COZ	401.5
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	262.8
	WCLL-CD	D19	DC	LIC	COLUMBUS, OH	BLANK0000052505	257.8
	WKPZ-CD	D19	DC	LIC	KINGSPORT, TN	BLANK0000001597	215.0
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	126.2
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	139.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
34744.7 1,322,048	33078.9 1,281,480	32144.0 1,255,132	32304.3 1,262,409	-0.50 -0.58

Undesired	Total IX	Unique IX, before	Unique IX, after
WMYO-CD D18 DC BL	184.5 7,525	161.3 7,323	
WMYO-CD D18 DC LIC	5.0 67		1.0 46
WSTR-TV D18 DT LIC	48.0 835	9.0 16	9.0 16
WHNT-TV D19 DT LIC	10.0 206	7.0 110	7.0 110
WIPB D19 DT LIC	140.4 2,368	70.2 1,158	89.4 1,339
WCLL-CD D19 DC LIC	1.0 0	0.0 0	0.0 0
WKPZ-CD D19 DC LIC	21.0 1,726	12.0 1,388	12.0 1,388
WYMT-TV D20 DT APP	454.3 10,527	448.3 10,285	448.3 10,285
WLWT D20 DT LIC	190.9 5,526	128.9 3,906	128.9 3,906

Interference to proposal scenario 1
1.01% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMYO-CD	D18	DC	LIC	LOUISVILLE, KY	WMYO 15 KW ERP	
Undesireds:	WAWV-TV	D18	DT	LIC	TERRE HAUTE, IN	BLANK0000087258	166.5 km
	WKYU-TV	D18	DT	LIC	BOWLING GREEN, KY	BLEDT20040803AAG	154.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	146.2
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	142.6

Service area	Terrain-limited	IX-free	Percent IX
9410.7 1,269,138	9156.5 1,265,710	8730.0 1,252,975	4.66 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
WAWV-TV D18 DT LIC	114.4 2,798	68.2 872	0.75 0.07
WKYU-TV D18 DT LIC	25.1 1,695	4.0 1,126	0.04 0.09
WSTR-TV D18 DT LIC	353.3 10,737	300.0 8,716	3.28 0.69