

APPLICATION FOR CONSTRUCTION PERMIT

WSWY-LD – INDIANAPOLIS, INDIANA
FACILITY ID: 68035
CHANNEL 20 – 15 kW ERP DA

DIGITAL NETWORKS-MIDWEST, LLC

SEPTEMBER 2021

APPLICATION FOR CONSTRUCTION PERMIT

The following engineering statement and attached exhibits have been prepared for **Digital Networks-Midwest, LLC** ("Midwest"), licensee of digital low power television station WSWY-LD at Indianapolis, Indiana, and are in support of their application for construction permit to modify that facility.¹ This application seeks to modify the current license for the facility, which is assigned LMS File No. 0000156379.

WSWY-LD is licensed to operate on television channel 20 with a maximum effective radiated power of 1.5 kW at a center of radiation of 315 meters above mean sea level, 30 meters above ground level, utilizing a composite directional antenna. The proposed facility would operate on television channel 20 with a maximum effective radiated power of 15 kW at a center of radiation of 439.7 meters above mean sea level, 187 meters above ground level, also with a directional antenna. The directional antenna proposed for use by the facility is a Propagation Systems, Inc. ("PSI") model PSILP16AB. This antenna is to be oriented at 125 degrees true.

The map in Exhibit E-1 is a comparison between the licensed and proposed technical parameters, and illustrates the 51 dBu F(50,90) service contour for each set of parameters. This application proposes a relocation of the transmitter. As this map demonstrates, there is a substantial area of overlap between the two contours. Additionally, the map also demonstrates that the proposed site is located within 30 miles of the licensed site.

¹ The Facility ID for WSWY-LD at Indianapolis, Indiana is 68035.

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Exhibit E-2 is the output from *TVStudy* for the proposed technical parameters. This study demonstrates that the proposed technical parameters would not fail interference checks to other relevant proposed and authorized facilities. This study was completed using a cell size of 1.0 km at a profile spacing of 1.0 kilometer. The proposed facility is not located within the West Virginia quiet zone and is located at a significant distance from both the Table Mountain receiving zone and the Commission's Allegan, Michigan monitoring station.

The proposed antenna would be mounted to an existing tower that is registered with the Commission. The addition of the antenna to this tower would not increase the already existing environmental impact present from the tower. The proposed facility would not result in human exposure at ground level to radiofrequency radiation in excess of the Commission's safety standards. Using the equations in Supplement A of *OET Bulletin 65*, the calculated worst-case power density at ground level assuming a downward radiation relative field of 0.3 is $1.32 \mu\text{W}/\text{cm}^2$. This value is less than the upper limit of the uncontrolled environment condition.

Additionally, there are several other broadcast facilities that utilize the tower. The addition of the proposed WSWY-LD facility would not increase the calculated power density at ground level above the upper limit of the uncontrolled environment condition of the Commission's safety standard. Midwest certifies that it will coordinate with all other users of the site to ensure that workers and other personnel are not exposed to levels of radiofrequency radiation in excess of the applicable safety standards. Coordination activities will include, but are not necessarily limited to, a reduction in transmitter power or cessation of operation.

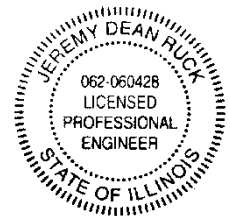
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The proposed facility complies with the provisions of Section 74.709 of the Commission's Rules. No land mobile protection issues have been identified based on the tables in that section of the rules, or on the output of *TVStudy*. The proposed facility also complies with Sections 74.793(e)-(h) and 74.793(h) of the Commission's Rules.

The preceding statement and attached exhibits have been prepared by me, or under my direction, and are true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature
License Expires November 30, 2021

Jeremy D. Ruck, PE
September 26, 2021

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WSWY-LD.X**PROPOSED**

Latitude: 39-53-39.20 N
Longitude: 086-12-20.50 W
ERP: 15.00 kW
Channel: 20
Frequency: 509.0 MHz
AMSL Height: 439.7 m
Horiz. Pattern: Directional
Prop Model: FCC Contour

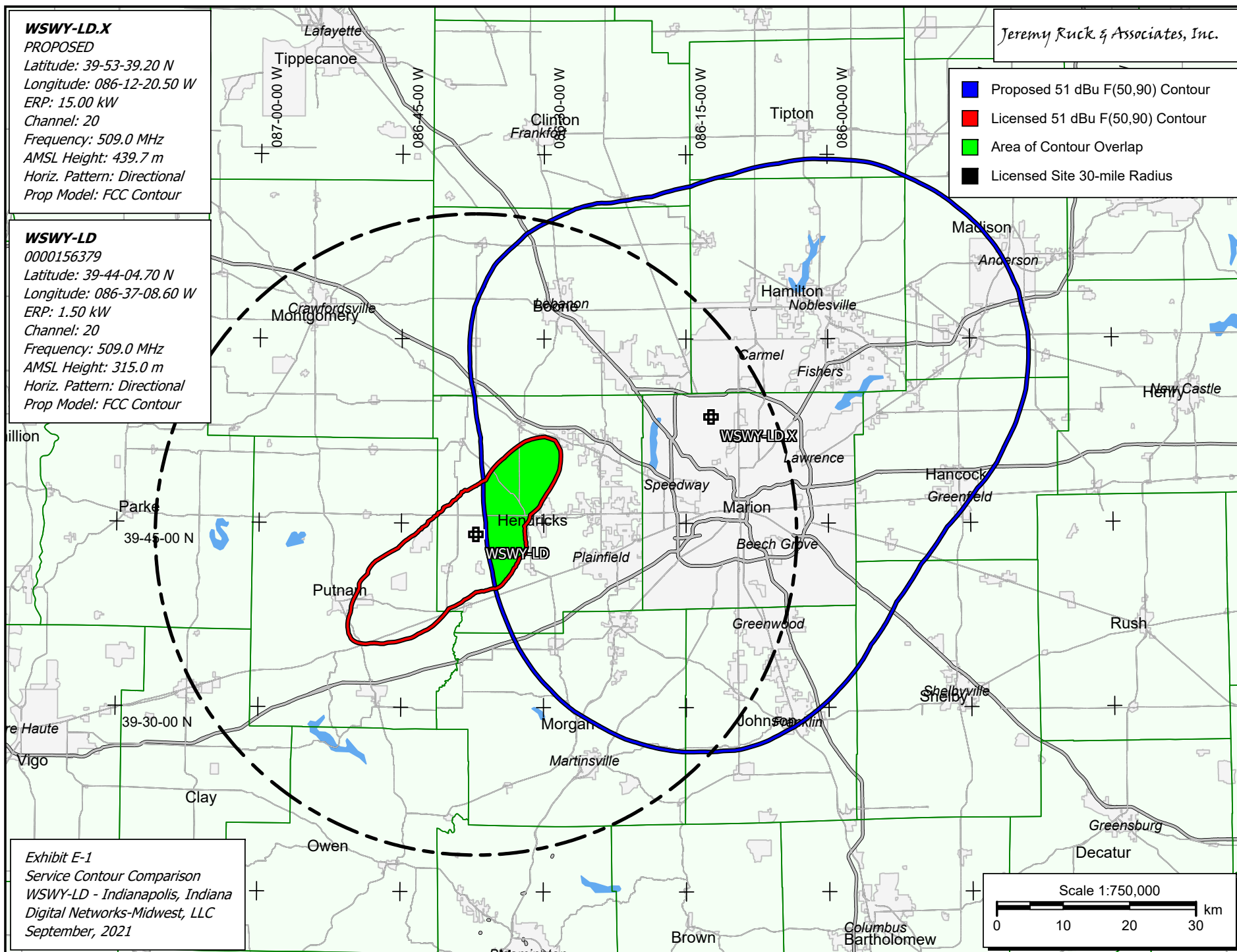
WSWY-LD

0000156379

Latitude: 39-44-04.70 N
Longitude: 086-37-08.60 W
ERP: 1.50 kW
Channel: 20
Frequency: 509.0 MHz
AMSL Height: 315.0 m
Horiz. Pattern: Directional
Prop Model: FCC Contour

Jeremy Ruck & Associates, Inc.

- Proposed 51 dBu F(50,90) Contour
- Licensed 51 dBu F(50,90) Contour
- Area of Contour Overlap
- Licensed Site 30-mile Radius

**Exhibit E-1**

Service Contour Comparison
WSWY-LD - Indianapolis, Indiana
Digital Networks-Midwest, LLC
September, 2021

Exhibit E-2 - TVStudy Interference Study

tvstudy v2.2.5 (4uoc83)

Database: 127.0.0.1, Study: WSWY CH20 ASRN 1253064 439.7 m AMSL 15 kW PSILP16AB, Model: Longley-Rice
Start: 2021.09.26 16:28:39

Study created: 2021.09.26 16:28:38

Study build station data: LMS TV 2021-09-26

Proposal: WSWY-LD D20 LD APP Indianapolis, IN
File number: BLANK0000156379
Facility ID: 68035
Station data: User record
Record ID: 383
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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WGN-TV	D19	DT	LIC	CHICAGO, IL	BMLCDT20080201APP	251.2 km
No	WGN-TV	D19	DT	CP	CHICAGO, IL	BLANK0000127570	251.2
No	W19DT-D	D19	LD	CP	FORT WAYNE, IN	BNPDTL20091228AAW	158.4
Yes	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	72.7
No	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	276.9
No	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	276.9
No	WUVI-LD	D20	LD	LIC	Chicago, IL	BLANK0000019528	199.3
No	WWME-CD	D20	DC	LIC	CHICAGO, IL	BLANK0000086882	251.2
Yes	WAND	D20	DT	LIC	DECATUR, IL	BLANK0000115806	224.0
No	WTSN-CD	D20	DC	LIC	EVANSVILLE, IN	BLDTL20120328AJA	231.1
Yes	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	159.8
No	WKUT-LD	D20	LD	LIC	BOWLING GREEN, KY	BLANK0000088311	226.9
No	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	399.0
No	WESL-LP	D20z	LD	CP	JAMESTOWN, KY	BLANK0000157496	321.3
No	WTVS	D20	DT	LIC	DETROIT, MI	BLANK0000117036	380.7
No	WCMW	D20	DT	LIC	MANISTEE, MI	BLANK0000087364	463.8
No	KEFN-CD	D20z	DC	LIC	ST. LOUIS, MO	BLANK0000146089	370.6
Yes	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	167.9
No	WLFM-LD	D20z	LD	LIC	CLEVELAND, OH	BLANK0000118809	414.3
No	WZTV	D20	DT	LIC	NASHVILLE, TN	BLANK0000115725	406.8
No	WHA-TV	D20	DT	LIC	MADISON, WI	BLANK0000089074	447.5
No	WOVA-LD	D20	LD	LIC	PARKERSBURG, WV	BLANK0000120282	401.8
No	W21DJ-D	D21	LD	CP	FORT WAYNE, IN	BNPDTL20091228AAU	158.4
No	WJYS	D21	DT	LIC	HAMMOND, IN	BLANK0000087539	251.2
No	WFYI	D21	DT	LIC	INDIANAPOLIS, IN	BLDET20100803ADB	0.7
No	WRLW-CD	D21-	DC	LIC	SALEM, IN	BLANK0000112941	144.2
No	WKYT-TV	D21	DT	LIC	LEXINGTON, KY	BLANK0000074953	258.4
No	WBNS-TV	D21	DT	LIC	COLUMBUS, OH	BLCDT20021025ABK	271.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D20
Mask: Full Service
Latitude: 39 53 39.20 N (NAD83)
Longitude: 86 12 20.50 W
Height AMSL: 439.7 m
HAAT: 189.1 m
Peak ERP: 15.0 kW
Antenna: PSILP16AB 125.0 deg
Elev Pattern: Generic
Elec Tilt: 1.00

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Exhibit E-2 - TVStudy Interference Study

49.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.42 kW	166.0 m	37.6 km
45.0	11.7	190.0	49.9
90.0	7.17	202.3	48.1
135.0	1.85	206.2	41.3
180.0	14.0	216.8	52.3
225.0	4.81	192.6	45.5
270.0	1.20	173.2	37.1
315.0	2.72	165.6	40.9

Distance to Canadian border: 342.6 km

Distance to Mexican border: 1779.8 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 3.9 degrees Distance: 302.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 277.2 degrees Distance: 1616.0 km

No land mobile station failures found

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 BLANK0000087336 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	72.7 km
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	113.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	124.1
	WGN-TV	D19	DT	LIC	CHICAGO, IL	BMLCDT20080201APP	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	20279.9 1,959,652	20261.8 1,952,270	0.09 0.38

Undesired	Total IX	Unique IX, before	Unique IX, after
WSWY-LD D20 LD APP	18.1 7,382	18.1 7,382	
WFWA D18 DT LIC	12.9 138	2.0 0	
WSTR-TV D18 DT LIC	36.0 508	7.9 87	
WGN-TV D19 DT LIC	3.0 0	3.0 0	
WDKY-TV D19 DT LIC	68.8 1,334	47.7 1,083	
WFFT-TV D20 DT LIC	91.4 2,474	80.4 2,336	
WLWT D20 DT LIC	40.0 817	12.0 315	

Interference to BLANK0000087336 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	72.7 km
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	113.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	124.1
	WGN-TV	D19	DT	LIC	CHICAGO, IL	BMLCDT20080201APP	273.5

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Exhibit E-2 - TVStudy Interference Study

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	20227.8 1,954,978	20209.7 1,947,596	0.09 0.38

Undesired	Total IX	Unique IX, before	Unique IX, after
WSWY-LD D20 LD APP	18.1 7,382	18.1 7,382	
WFWA D18 DT LIC	12.9 138	2.0 0	2.0 0
WSTR-TV D18 DT LIC	36.0 508	6.9 65	6.9 65
WGN-TV D19 DT LIC	3.0 0	3.0 0	3.0 0
WDKY-TV D19 DT CP	138.8 6,466	99.8 5,757	99.8 5,757
WFFT-TV D20 DT LIC	91.4 2,474	80.4 2,336	80.4 2,336
WLWT D20 DT LIC	40.0 817	3.0 19	3.0 19

Interference to BLANK0000087336 LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	72.7 km
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	113.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	124.1
	WGN-TV	D19	DT	CP	CHICAGO, IL	BLANK0000127570	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	20276.9 1,959,169	20258.8 1,951,787	0.09 0.38

Undesired	Total IX	Unique IX, before	Unique IX, after
WSWY-LD D20 LD APP	18.1 7,382	18.1 7,382	
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 CP	7.0 483	6.0 483	6.0 483
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	79.4 2,336	79.4 2,336
WLWT D20 DT LIC	40.0 817	12.0 315	12.0 315

Interference to BLANK0000087336 LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	72.7 km
	WFWA	D18	DT	LIC	FORT WAYNE, IN	BLANK0000063130	113.5
	WSTR-TV	D18	DT	LIC	CINCINNATI, OH	BLANK0000157764	124.1
	WGN-TV	D19	DT	CP	CHICAGO, IL	BLANK0000127570	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	20224.9 1,954,495	20206.7 1,947,113	0.09 0.38

Undesired	Total IX	Unique IX, before	Unique IX, after
WSWY-LD D20 LD APP	18.1 7,382	18.1 7,382	
WFWA D18 DT LIC	12.9 138	2.0 0	2.0 0
WSTR-TV D18 DT LIC	36.0 508	6.9 65	6.9 65
WGN-TV D19 DT CP	7.0 483	6.0 483	6.0 483
WDKY-TV D19 DT CP	138.8 6,466	99.8 5,757	99.8 5,757
WFFT-TV D20 DT LIC	91.4 2,474	79.4 2,336	79.4 2,336
WLWT D20 DT LIC	40.0 817	3.0 19	3.0 19

Interference to BLANK0000115806 LIC scenario 1

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Exhibit E-2 - TVStudy Interference Study

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAND	D20	DT	LIC	DECATUR, IL	BLANK0000115806	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	224.0 km
	WWME-CD	D20	DC	LIC	CHICAGO, IL	BLANK0000086882	236.5
	WTSN-CD	D20	DC	LIC	EVANSVILLE, IN	BLDRTL20120328AJA	256.8
	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	333.1
	KNLJ	D20	DT	LIC	JEFFERSON CITY, MO	BLCDT20110121ACA	312.5
	KEFN-CD	D20z	DC	LIC	ST. LOUIS, MO	BLANK0000146089	187.8
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	380.8
	WHA-TV	D20	DT	LIC	MADISON, WI	BLANK0000089074	349.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
37414.9 1,388,405	37328.2 1,381,609	37088.7 1,371,393	37088.7 1,371,393	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSWY-LD D20 LD APP	2.0 14	0.0 0	
WWME-CD D20 DC LIC	153.0 2,453	146.0 2,445	146.0 2,445
WTSN-CD D20 DC LIC	2.0 8	1.0 0	1.0 0
WFFT-TV D20 DT LIC	1.0 8	0.0 0	0.0 0
KNLJ D20 DT LIC	9.0 968	4.0 1	4.0 1
KEFN-CD D20z DC LIC	64.6 3,522	62.6 3,522	62.6 3,522
WLWT D20 DT LIC	5.0 75	3.0 61	3.0 61
WHA-TV D20 DT LIC	18.9 4,173	9.9 3,204	9.9 3,204

Interference to BLANK0000086952 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	159.8 km
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	114.1
	WWME-CD	D20	DC	LIC	CHICAGO, IL	BLANK0000086882	220.5
	WAND	D20	DT	LIC	DECATUR, IL	BLANK0000115806	333.1
	WTVS	D20	DT	LIC	DETROIT, MI	BLANK0000117036	224.1
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	227.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19881.4 1,094,152	19874.4 1,093,911	19785.4 1,091,009	19782.4 1,090,975	0.02 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSWY-LD D20 LD APP	12.0 104	3.0 34	
WIPB D19 DT LIC	51.0 910	44.0 835	39.0 781
WWME-CD D20 DC LIC	5.0 306	0.0 0	0.0 0
WAND D20 DT LIC	1.0 42	1.0 42	1.0 42
WTVS D20 DT LIC	21.0 1,063	8.0 296	8.0 296
WLWT D20 DT LIC	31.0 1,423	16.0 887	16.0 887

Interference to BLANK0000157838 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	167.9 km
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	131.0
	WDKY-TV	D19	DT	LIC	DANVILLE, KY	BLANK0000072980	139.3
	WAND	D20	DT	LIC	DECATUR, IL	BLANK0000115806	380.8
	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	227.9
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	244.4
	WTVS	D20	DT	LIC	DETROIT, MI	BLANK0000117036	386.5
	WZTV	D20	DT	LIC	NASHVILLE, TN	BLANK0000115725	375.5
	WRLW-CD	D21-	DC	LIC	SALEM, IN	BLANK0000112941	147.6
	WKYT-TV	D21	DT	LIC	LEXINGTON, KY	BLANK0000074953	121.0
	WBNS-TV	D21	DT	LIC	COLUMBUS, OH	BLCDT20021025ABK	158.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
31419.0 3,369,287	30970.7 3,357,895	29335.7 3,302,293	29132.7 3,293,084	0.69 0.28

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Exhibit E-2 - TVStudy Interference Study

Undesired		Total IX	Unique IX, before		Unique IX, after	
WSWY-LD D20 LD APP	333.6	11,806			203.0	9,209
WIPB D19 DT LIC	71.5	587	9.1	60	8.1	60
WDKY-TV D19 DT LIC	300.8	16,132	5.0	144	5.0	144
WAND D20 DT LIC	8.9	133	0.0	0	0.0	0
WFFT-TV D20 DT LIC	325.5	14,537	240.0	13,462	149.6	11,177
WYMT-TV D20 DT APP	956.0	31,659	533.8	16,020	533.8	16,020
WTVS D20 DT LIC	5.0	321	0.0	0	0.0	0
WZTV D20 DT LIC	10.1	114	0.0	0	0.0	0
WRLW-CD D21- DC LIC	3.0	50	0.0	0	0.0	0
WKYT-TV D21 DT LIC	654.6	23,366	192.0	3,283	192.0	3,283
WBNS-TV D21 DT LIC	99.0	1,406	94.0	1,345	94.0	1,345

Interference to BLANK0000157838 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	
Undesireds:	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	167.9 km
	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	131.0
	WDKY-TV	D19	DT	CP	DANVILLE, KY	BLANK0000127585	139.3
	WAND	D20	DT	LIC	DECATUR, IL	BLANK0000115806	380.8
	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	227.9
	WYMT-TV	D20	DT	APP	HAZARD, KY	BLANK0000158303	244.4
	WTVS	D20	DT	LIC	DETROIT, MI	BLANK0000117036	386.5
	WZTV	D20	DT	LIC	NASHVILLE, TN	BLANK0000115725	375.5
	WRLW-CD	D21-	DC	LIC	SALEM, IN	BLANK0000112941	147.6
	WKYT-TV	D21	DT	LIC	LEXINGTON, KY	BLANK0000074953	121.0
	WBNS-TV	D21	DT	LIC	COLUMBUS, OH	BLCDT20021025ABK	158.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
31419.0	3,369,287	30970.7	3,357,895	29319.7	3,302,176	29116.6	3,292,967	0.69 0.28

Undesired		Total IX	Unique IX, before		Unique IX, after	
WSWY-LD D20 LD APP	333.6	11,806			203.0	9,209
WIPB D19 DT LIC	71.5	587	9.1	60	8.1	60
WDKY-TV D19 DT CP	461.6	19,682	21.1	261	21.1	261
WAND D20 DT LIC	8.9	133	0.0	0	0.0	0
WFFT-TV D20 DT LIC	325.5	14,537	240.0	13,462	149.6	11,177
WYMT-TV D20 DT APP	956.0	31,659	527.7	15,857	527.7	15,857
WTVS D20 DT LIC	5.0	321	0.0	0	0.0	0
WZTV D20 DT LIC	10.1	114	0.0	0	0.0	0
WRLW-CD D21- DC LIC	3.0	50	0.0	0	0.0	0
WKYT-TV D21 DT LIC	654.6	23,366	132.7	1,821	132.7	1,821
WBNS-TV D21 DT LIC	99.0	1,406	94.0	1,345	94.0	1,345

Interference to proposal scenario 1
4.76% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSWY-LD	D20	LD	APP	Indianapolis, IN	BLANK0000156379	
Undesireds:	WIPB	D19	DT	LIC	MUNCIE, IN	BLANK0000087336	72.7 km
	WFFT-TV	D20	DT	LIC	FORT WAYNE, IN	BLANK0000086952	159.8
	WLWT	D20	DT	LIC	CINCINNATI, OH	BLANK0000157838	167.9
	WFYI	D21	DT	LIC	INDIANAPOLIS, IN	BLEDT20100803ADB	0.7

Service area		Terrain-limited		IX-free		Percent IX
6207.7	1,688,808	6205.7	1,688,787	4745.4	1,608,381	23.53 4.76

Undesired		Total IX	Unique IX		Prct Unique IX
WIPB D19 DT LIC	1.0	48	0.0	0	0.00 0.00
WFFT-TV D20 DT LIC	22.7	640	10.9	189	0.18 0.01
WLWT D20 DT LIC	8.0	289	1.0	0	0.02 0.00
WFYI D21 DT LIC	1446.5	80,214	1431.6	79,608	23.07 4.71

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