

tvstudy v2.2.4 (Z2Qqz3)
Database: localhost, Study: WNYN 30 800w 4DR2HN 100dg B, Model: Longley-Rice
Start: 2018.02.28 14:39:05

Study created: 2018.02.28 14:39:04

Study build station data: LMS TV 2018-02-28 (71)

Proposal: WNYN-LD D30 LD APP NEW YORK, NY
File number: WNYN 30 800w 4DR2HN 100dg B
Facility ID: 74305
Station data: User record
Record ID: 402
Country: U.S.

Build options:
Protect baseline records from LPTV

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

Individual records excluded:
0000037694 WPXN-TV D31 DT LIC NEW YORK, NY BLANK0000037694

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W26CE	N26-	TX	LIC	NEW YORK, NY	BLTTL20080306ABU	100.8 km
No	W26DB-D	N26-	TX	LIC	PORT JERVIS, NY	BLTTL20070223AHI	89.4
No	W28AJ	N28z	TX	LIC	ALLINGTOWN, CT	BLTTL20010608AAO	101.6
No	W49BE-D	D29z	LD	APP	HACKETTSTOWN, NJ	BLANK0000041594	77.5
Yes	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.2
No	W47DH-D	D29	LD	APP	CLARKS SUMMIT, ETC., PA	BLANK0000039291	164.1
Yes	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	140.5
Yes	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	140.5
No	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	334.8
No	W30DT-D	D30	LD	CP	SALISBURY, MD	BDCCDTL20120628AAS	300.4
No	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	301.2
No	WYDC	D30	DT	CP	CORNING, NY	BLANK0000026202	301.2
No	W30AZ-D	D30	LD	LIC	ELLENVILLE, NY	BLDTL20141229AGO	116.4
No	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	282.7
Yes	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	135.1
Yes	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	135.1
No	WELL-LD	D30	LD	LIC	PHILADELPHIA, PA	BLDTL20100208AAC	135.0
No	W30DM-D	D30	LD	LIC	MANCHESTER, ETC., VT	BLDTT20111118ARB	275.6
No	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000034341	140.2
No	WSKG-TV	D31	DT	CP	BINGHAMTON, NY	BLANK0000028130	219.2
No	W31EF-D	D31+	LD	LIC	PORT JERVIS, NY	BLANK0000019117	59.6
No	W31EF-D	D31+	LD	CP	PORT JERVIS, NY	BLANK0000030449	24.8
No	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	134.9
No	W32EI-D	N32-	TX	LIC	PORT JERVIS, NY	BLTTL20121024AAB	89.4
No	W34DI-D	N34+	TX	LIC	PORT JERVIS, NY	BLTTL20070223AHK	89.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Mask: Full Service
Latitude: 40 46 2.30 N (NAD83)
Longitude: 73 57 40.40 W
Height AMSL: 241.0 m
HAAT: 0.0 m
Peak ERP: 0.800 kW
Antenna: WNYN 100 deg Pattern 0.0 deg
Elev Pattn: Generic

50.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.008 kW	194.7 m	13.1 km
45.0	0.028	230.9	19.9
90.0	0.613	225.8	35.4
135.0	0.032	220.2	20.0
180.0	0.021	226.3	18.1
225.0	0.001	239.1	8.9
270.0	0.005	228.2	12.2
315.0	0.000	225.6	6.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 224 m

Distance to Canadian border: 394.7 km

Distance to Mexican border: 2677.6 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 234.8 degrees Distance: 301.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.8 degrees Distance: 2630.8 km

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%

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Interference to BLANK0000034023 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	89.2 km
	WHPX-TV	D28	DT	CP	NEW LONDON, CT	BLANK0000034398	83.3
	WEPT-CD	D28	DC	CP	NEWBURGH, NY	BLANK0000034537	128.4
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	210.0
	WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	296.7
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	354.0
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	89.9

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX								
16375.8	7,386,622	16194.6	7,308,935	16018.7	7,259,666	16016.7	7,255,587	0.01
0.06								

Undesired		Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	3.0	10,606	2.0	4,079
WHPX-TV D28 DT CP	77.3	9,831	54.2	6,248
WEPT-CD D28 DC CP	1.0	83	0.0	0
WNEU D29 DT CP	6.0	6,868	1.0	6,527
WKTV D29 DT LIC	17.1	7,151	9.1	6,194
WEDH D30 DT CP	108.6	30,117	82.5	26,000

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Interference to BLANK0000034023 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	89.2 km
	WHPX-TV	D28	DT	CP	NEW LONDON, CT	BLANK0000034398	83.3
	WEPT-CD	D28	DC	CP	NEWBURGH, NY	BLANK0000034537	128.4

WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	210.0
WKTV	D29	DT	LIC	UTICA, NY	BLCDT20060630ACL	296.7
WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	354.0
WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	89.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
IX 16375.8 7,386,622 0.06	16194.6 7,308,935	16005.6 7,252,838	16003.7 7,248,759	0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	3.0 10,606	2.0 4,079	
WHPX-TV D28 DT CP	77.3 9,831	54.2 6,248	54.2 6,248
WEPT-CD D28 DC CP	1.0 83	0.0 0	0.0 0
WNEU D29 DT CP	6.0 6,868	1.0 6,527	0.0 0
WKTV D29 DT LIC	17.1 7,151	8.1 5,933	8.1 5,933
WEDH D30 DT APP	122.7 37,206	95.5 32,828	95.5 32,828

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Interference to BLANK0000025283 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	140.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	354.4
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000034341	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
IX 30993.1 5,033,053 0.01	27522.4 4,558,799	26808.2 4,374,459	26806.2 4,374,071	0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	45.5 13,473	2.0 388	
WNEU D29 DT CP	58.8 17,566	58.8 17,566	58.8 17,566
WLNY-TV D29 DT CP	224.5 77,884	107.4 33,588	104.4 31,844
WUTR D30 DT LIC	15.2 235	13.2 133	13.2 133
KYW-TV D30 DT CP	342.9 81,884	227.7 36,758	219.6 35,294
WVIT D31 DT CP	204.0 56,440	178.9 49,522	176.9 48,895
WNCE-CD D31 DC LIC	2.0 14	1.0 0	1.0 0

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Interference to BLANK0000025283 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	140.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	354.4
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000034341	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
IX 30993.1 5,033,053 0.01	27522.4 4,558,799	26803.3 4,371,975	26801.2 4,371,587	0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	45.5 13,473	2.0 388	

WNEU D29 DT CP	58.8	17,566	58.8	17,566	58.8	17,566
WLNY-TV D29 DT CP	224.5	77,884	105.4	33,289	102.3	31,545
WUTR D30 DT LIC	15.2	235	13.2	133	13.2	133
KYW-TV D30 DT APP	350.9	84,932	232.7	39,242	224.6	37,778
WVIT D31 DT CP	204.0	56,440	177.9	49,257	176.9	48,895
WNCE-CD D31 DC LIC	2.0	14	1.0	0	1.0	0

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Interference to BLANK0000034543 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	140.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	354.4
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000034341	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4

IX	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
32651.3	5,339,771	28861.9	4,758,563	28092.5 4,561,201	28087.5 4,559,144
0.05					0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	53.6 26,260	5.1 2,057	
WNEU D29 DT CP	85.8 27,582	84.8 27,510	
WLNY-TV D29 DT CP	253.6 80,311	141.6 36,107	
WUTR D30 DT LIC	17.2 279	15.2 133	
KYW-TV D30 DT CP	353.0 86,650	230.8 37,006	
WVIT D31 DT CP	182.9 52,408	157.8 45,818	
WNCE-CD D31 DC LIC	2.0 14	2.0 14	

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Interference to BLANK0000034543 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	140.5 km
	WNEU	D29	DT	CP	MERRIMACK, NH	BLANK0000034700	148.0
	WLNY-TV	D29	DT	CP	RIVERHEAD, NY	BLANK0000034023	89.9
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	354.4
	WUTR	D30	DT	LIC	UTICA, NY	BLCDT20040217ADC	250.3
	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	274.1
	WVIT	D31	DT	CP	NEW BRITAIN, CT	BLANK0000034341	0.3
	WNCE-CD	D31	DC	LIC	GLENS FALLS, NY	BLDTA20100812ABN	191.4

IX	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
32651.3	5,339,771	28861.9	4,758,563	28085.5 4,559,738	28080.4 4,557,681
0.05					0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	53.6 26,260	5.1 2,057	
WNEU D29 DT CP	85.8 27,582	84.8 27,510	
WLNY-TV D29 DT CP	253.6 80,311	137.5 34,914	
WUTR D30 DT LIC	17.2 279	15.2 133	
KYW-TV D30 DT APP	367.1 89,306	237.8 38,469	
WVIT D31 DT CP	182.9 52,408	157.8 45,818	
WNCE-CD D31 DC LIC	2.0 14	2.0 14	

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Interference to BLANK0000024874 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	135.1 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	279.4
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
IX					
	34432.8 11,171,725	33220.5 10,982,616	33069.2 10,948,796	33018.3 10,902,722	0.15
	0.42				

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	57.9 54,451	50.9 46,074	
WEDH D30 DT CP	9.0 8,788	1.0 320	
WIAV-CD D30 DC CP	115.5 20,751	75.0 11,151	
WMPT D31 DT BL	49.4 11,324	10.9 2,633	
WTFX-TV D31 DT CP	17.9 2,557	17.9 2,557	

Interference to BLANK0000024874 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	135.1 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	279.4
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
IX					
	34432.8 11,171,725	33220.5 10,982,616	33063.2 10,946,587	33013.3 10,900,513	0.15
	0.42				

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	57.9 54,451	49.9 46,074	
WEDH D30 DT APP	16.9 11,026	13.0 10,088	
WIAV-CD D30 DC CP	115.5 20,751	73.0 11,122	
WMPT D31 DT BL	49.4 11,324	10.9 2,633	
WTFX-TV D31 DT CP	17.9 2,557	17.9 2,557	

Interference to BLANK0000033618 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	135.1 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	279.4
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
IX					
	34688.6 11,224,140	33456.4 11,029,286	33298.1 10,991,754	33238.3 10,939,692	0.18
	0.47				

Undesired	Total IX	Unique IX, before	Unique IX, after
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WNYN-LD D30 LD APP	67.8	62,440			59.9	52,062
WEDH D30 DT CP	13.0	12,429	10.0	11,520	3.0	1,960
WIAV-CD D30 DC CP	119.4	20,766	75.9	11,106	75.9	11,106
WMPT D31 DT BL	52.4	11,440	11.9	2,689	11.9	2,689
WTFX-TV D31 DT CP	16.9	2,557	16.9	2,557	16.9	2,557

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Interference to BLANK0000033618 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	
Undesireds:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	135.1 km
	WQMY	D29	DT	LIC	WILLIAMSPORT, PA	BLCDT20090223ABU	204.1
	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	274.1
	WIAV-CD	D30	DC	CP	WASHINGTON, DC	BLANK0000029340	199.7
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	279.4
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	164.0
	WTFX-TV	D31	DT	CP	PHILADELPHIA, PA	BLANK0000034830	0.4

IX	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New
34688.6	11,224,140	33456.4	11,029,286	33294.2 10,989,711	33235.3 10,938,643
0.46					0.18

Undesired	Total IX	Unique IX, before	Unique IX, after
WNYN-LD D30 LD APP	67.8 62,440	58.9 51,068	
WEDH D30 DT APP	18.9 14,501	6.0 3,009	
WIAV-CD D30 DC CP	119.4 20,766	73.9 11,077	
WMPT D31 DT BL	52.4 11,440	11.9 2,689	
WTFX-TV D31 DT CP	16.9 2,557	16.9 2,557	

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Interference to proposal scenario 1
11.40% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	
Undesireds:	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	140.5 km
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	301.2
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	135.1
	W31EF-D	D31+	LD	LIC	PORT JERVIS, NY	BLANK0000019117	59.6

Service area	Terrain-limited	IX-free	Percent IX
1126.0 8,328,507	1123.0 8,328,080	976.0 7,378,647	13.09 11.40

Undesired	Total IX	Unique IX	Prcnt Unique IX
WEDH D30 DT CP	1.0 903	0.0 0	0.00 0.00
KYW-TV D30 DT CP	147.0 949,433	146.0 948,530	13.00 11.39

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Interference to proposal scenario 2
**MX: 11.53% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	
Undesireds:	WEDH	D30	DT	CP	HARTFORD, CT	BLANK0000025283	140.5 km
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	301.2
	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	135.1
	W31EF-D	D31+	LD	LIC	PORT JERVIS, NY	BLANK0000019117	59.6

Service area	Terrain-limited	IX-free	Percent IX
1126.0 8,328,507	1123.0 8,328,080	968.1 7,367,460	13.80 11.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WEDH D30 DT CP	1.0 903	0.0 0	0.00 0.00

KYW-TV D30 DT APP	154.9	960,620	153.9	959,717	13.71	11.52
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Interference to proposal scenario 3

**MX: 11.40% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	
Undesireds:	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	140.5 km
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	301.2
	KYW-TV	D30	DT	CP	PHILADELPHIA, PA	BLANK0000024874	135.1
	W31EF-D	D31+	LD	LIC	PORT JERVIS, NY	BLANK0000019117	59.6

	Service area		Terrain-limited		IX-free		Percent IX
	1126.0	8,328,507	1123.0	8,328,080	976.0	7,378,647	13.09 11.40

Undesired		Total IX		Unique IX	Prcnt Unique IX
WEDH D30 DT APP	2.0	950	0.0	0	0.00 0.00
KYW-TV D30 DT CP	147.0	949,433	145.0	948,483	12.91 11.39

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Interference to proposal scenario 4

**MX: 11.53% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNYN-LD	D30	LD	APP	NEW YORK, NY	WNYN 30 800w 4DR2HN 10	
Undesireds:	WEDH	D30	DT	APP	HARTFORD, CT	BLANK0000034543	140.5 km
	WYDC	D30	DT	APP	CORNING, NY	BLANK0000034651	301.2
	KYW-TV	D30	DT	APP	PHILADELPHIA, PA	BLANK0000033618	135.1
	W31EF-D	D31+	LD	LIC	PORT JERVIS, NY	BLANK0000019117	59.6

	Service area		Terrain-limited		IX-free		Percent IX
	1126.0	8,328,507	1123.0	8,328,080	968.1	7,367,460	13.80 11.53

Undesired		Total IX		Unique IX	Prcnt Unique IX
WEDH D30 DT APP	2.0	950	0.0	0	0.00 0.00
KYW-TV D30 DT APP	154.9	960,620	152.9	959,670	13.62 11.52