

INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

tvstudy v2.2.3 (Dxtpx3)
Database: localhost, Study: wnepl6m1, Model: Longley-Rice

Study build station data: LMS TV 2017-10-24 (41)

Proposal: WNEP16M1 D16 DT APP SCRANTON, PA
File number: wnepl6m1
Facility ID: 73318
Station data: User record
Record ID: 1163
Country: U.S.
Zone: I

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	278.0 km
WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	278.0
WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	246.5
WFNY-CD	D16	DC	BL	GLOVERSVILLE, NY	DTVBL167948	246.5
W16AX-D	D16	DC	LIC	ITHACA, NY	BLANK0000001083	148.0
WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000026984	353.9
WINP-TV	D16	DT	BL	PITTSBURGH, PA	DTVBL41314	353.9
WPHL-TV	D17	DT	LIC	PHILADELPHIA, PA	BLCDT20090918ABV	137.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Latitude: 41 10 57.20 N (NAD83)
Longitude: 75 52 13.90 W
Height AMSL: 899.7 m
HAAT: 519.0 m
Peak ERP: 950 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.0

38.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	950 kW	683.1 m	129.7 km
45.0	950	454.7	115.4
90.0	950	347.5	105.4
135.0	950	421.1	112.6
180.0	950	436.9	113.9
225.0	950	548.5	121.7
270.0	950	634.4	127.0
315.0	950	629.0	126.7

ERP exceeds maximum
ERP: 950 kW ERP maximum: 462 kW

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

**Proposal is within coordination distance of Canadian border
Distance to Canadian border: 282.6 km

Distance to Mexican border: 2567.7 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 329.6 degrees Distance: 224.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 277.1 degrees Distance: 2465.7 km

**Proposal fails distance check to land mobile station: New York NY ch. 15, 164.6 km
**Proposal fails distance check to land mobile station: New York NY ch. 16, 164.6 km
**Proposal fails distance check to land mobile station: MIDDLESEX NJ WQMI704 ch. 16, 150.7 km
**Proposal fails distance check to land mobile station: MIDDLESEX NJ WQMI704 ch. 16, 150.3 km
**Proposal fails distance check to land mobile station: MIDDLESEX NJ WQMI704 ch. 16, 152.0 km
**Proposal fails distance check to land mobile station: MIDDLESEX NJ WQMI704 ch. 16, 146.0 km

Study cell size: 2.00 km
Profile point spacing: 1.00 km

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

----- Interference to BLANK0000027292 CP, scenario 1

Desired:	Call WNYO-TV	Chan D16	Svc DT	Status CP	City, State BUFFALO, NY	File Number BLANK0000027292	Distance			
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	278.0 km			
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	278.0			
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	46.9			
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	334.4			
	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000026984	288.3			
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	187.7			
	CITY-DT-2	D16	DT	LIC	WOODSTOCK, ON	BLANKCANADA246	190.3			
	CIII-DT-41D17		DT	LIC	TORONTO, ON	BLANKCANADA237	121.7			
	Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
17354.6	1,539,525	16502.7	1,509,742		14971.5	1,426,395	14935.3	1,425,955	0.24	0.03
3012.6	391,311	3012.6	391,311		2929.0	366,148	2929.0	366,148	0.00	0.00 (in
Canada)										

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	24.1	221	12.0	102		
WNEP16M1 D16 DT APP	156.3	2,094			48.2	542
WBNF-CD D15 DC LIC	20.0	421	4.0	218	4.0	218
WINP-TV D16 DT CP	63.9	882	12.0	183	12.0	183
CJOH-TV-6 D16 DT LIC	1467.1	81,113	1351.0	79,507	1275.0	78,175
CJOH-TV-6 D16 DT LIC	23.9	10,920	0.0	0	0.0	0 (in Canada)
CITY-DT-2 D16 DT LIC	88.1	2,324	28.1	1,472	24.1	1,472
CITY-DT-2 D16 DT LIC	15.9	495	11.9	495	11.9	495 (in Canada)
CIII-DT-41 D17 DT LIC	4.0	194	4.0	194	4.0	194
CIII-DT-41 D17 DT LIC	71.6	24,668	43.7	13,748	43.7	13,748 (in Canada)

----- Interference to BLANK0000027292 CP, scenario 2

Desired:	Call WNYO-TV	Chan D16	Svc DT	Status CP	City, State BUFFALO, NY	File Number BLANK0000027292	Distance			
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	278.0 km			
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	278.0			
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	46.9			
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	334.4			
	WINP-TV	D16	DT	BL	PITTSBURGH, PA	DTVBL41314	288.3			
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	187.7			
	CITY-DT-2	D16	DT	LIC	WOODSTOCK, ON	BLANKCANADA246	190.3			
	CIII-DT-41D17		DT	LIC	TORONTO, ON	BLANKCANADA237	121.7			
	Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
17354.6	1,539,525	16502.7	1,509,742		14971.5	1,426,395	14935.3	1,425,955	0.24	0.03
3012.6	391,311	3012.6	391,311		2929.0	366,148	2929.0	366,148	0.00	0.00 (in
Canada)										

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	24.1	221	12.0	102		
WNEP16M1 D16 DT APP	156.3	2,094			48.2	542
WBNF-CD D15 DC LIC	20.0	421	4.0	218	4.0	218
WINP-TV D16 DT BL	63.9	882	12.0	183	12.0	183
CJOH-TV-6 D16 DT LIC	1467.1	81,113	1351.0	79,507	1275.0	78,175
CJOH-TV-6 D16 DT LIC	23.9	10,920	0.0	0	0.0	0 (in Canada)
CITY-DT-2 D16 DT LIC	88.1	2,324	28.1	1,472	24.1	1,472
CITY-DT-2 D16 DT LIC	15.9	495	11.9	495	11.9	495 (in Canada)
CIII-DT-41 D17 DT LIC	4.0	194	4.0	194	4.0	194
CIII-DT-41 D17 DT LIC	71.6	24,668	43.7	13,748	43.7	13,748 (in Canada)

----- Interference to DTVBL67784 BL, scenario 1

Desired:	Call WNYO-TV	Chan D16	Svc DT	Status BL	City, State BUFFALO, NY	File Number DTVBL67784	Distance
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	278.1 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	278.0
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	46.9
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	334.4
	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000026984	288.3
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	187.7
	CITY-DT-2	D16	DT	LIC	WOODSTOCK, ON	BLANKCANADA246	190.3
	CIII-DT-41D17	D17	DT	LIC	TORONTO, ON	BLANKCANADA237	121.7
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX

INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

17354.6	1,539,525	16498.7	1,509,452	14975.4	1,426,334	14935.2	1,425,894	0.27	0.03	
3012.6	391,311	3012.6	391,311	2929.0	366,148	2929.0	366,148	0.00	0.00	(in
Canada)										

Undesired	Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	24.1	221	12.0
WNEP16M1 D16 DT APP	160.3	2,094	52.2
WBNF-CD D15 DC LIC	20.0	421	4.0
WINP-TV D16 DT CP	63.9	882	12.0
CJOH-TV-6 D16 DT LIC	1455.1	80,727	1343.0
CJOH-TV-6 D16 DT LIC	23.9	10,920	0.0
CITY-DT-2 D16 DT LIC	92.2	2,342	32.2
CITY-DT-2 D16 DT LIC	15.9	495	11.9
CIII-DT-41 D17 DT LIC	4.0	194	4.0
CIII-DT-41 D17 DT LIC	71.6	24,668	43.7

Interference to DTVBL67784 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	278.1 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	278.0
	WBNF-CD	D15	DC	LIC	BUFFALO, NY	BLDTA20111130LWW	46.9
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	334.4
	WINP-TV	D16	DT	BL	PITTSBURGH, PA	DTVBL41314	288.3
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	187.7
	CITY-DT-2	D16	DT	LIC	WOODSTOCK, ON	BLANKCANADA246	190.3
	CIII-DT-41	D17	DT	LIC	TORONTO, ON	BLANKCANADA237	121.7
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	17354.6	1,539,525	16498.7	1,509,452	14975.4	1,426,334	0.27
	3012.6	391,311	3012.6	391,311	2929.0	366,148	0.00
	Canada)						

Undesired	Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	24.1	221	12.0
WNEP16M1 D16 DT APP	160.3	2,094	52.2
WBNF-CD D15 DC LIC	20.0	421	4.0
WINP-TV D16 DT BL	59.9	809	12.0
CJOH-TV-6 D16 DT LIC	1455.1	80,727	1343.0
CJOH-TV-6 D16 DT LIC	23.9	10,920	0.0
CITY-DT-2 D16 DT LIC	92.2	2,342	32.2
CITY-DT-2 D16 DT LIC	15.9	495	11.9
CIII-DT-41 D17 DT LIC	4.0	194	4.0
CIII-DT-41 D17 DT LIC	71.6	24,668	43.7

Interference to BLANK0000027243 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	246.5 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	246.5
	WFFF-TV	D16	DT	APP	BURLINGTON, VT	BLANK0000029843	201.5
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	3165.6	125,169	2512.4	104,914	2480.5	104,579	0.96
							0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	11.9	0	11.9
WNEP16M1 D16 DT APP	35.8	10	35.8
WFFF-TV D16 DT APP	20.0	335	20.0

Interference to BLANK0000027243 CP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	246.5 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	246.5
	WFFF-TV	D16	DT	BL	BURLINGTON, VT	DTVBL10132	201.5
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	3165.6	125,169	2512.4	104,914	2492.5	104,702	0.96
							0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	11.9	0	11.9
WNEP16M1 D16 DT APP	35.8	10	35.8
WFFF-TV D16 DT BL	8.0	212	8.0

INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

----- Interference to DTVBL167948 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFNY-CD	D16	DC	BL	GLOVERSVILLE, NY	DTVBL167948	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	246.5 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	246.5
	WFFF-TV	D16	DT	APP	BURLINGTON, VT	BLANK0000029843	201.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
3185.5 125,263		2524.4 104,991		2496.5 104,677		2472.6 104,667	0.96 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL		11.9 0		11.9 0			
WNEP16M1 D16 DT APP		35.8 10				35.8 10	
WFFF-TV D16 DT APP		16.0 314		16.0 314		16.0 314	

----- Interference to DTVBL167948 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFNY-CD	D16	DC	BL	GLOVERSVILLE, NY	DTVBL167948	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	246.5 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	246.5
	WFFF-TV	D16	DT	BL	BURLINGTON, VT	DTVBL10132	201.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
3185.5 125,263		2524.4 104,991		2504.5 104,779		2480.6 104,769	0.95 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL		11.9 0		11.9 0			
WNEP16M1 D16 DT APP		35.8 10				35.8 10	
WFFF-TV D16 DT BL		8.0 212		8.0 212		8.0 212	

----- Interference to BLANK0000001083 LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W16AX-D	D16	DC	LIC	ITHACA, NY	BLANK0000001083	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	148.0 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	148.0
	WNYS-TV	D15	DT	CP	SYRACUSE, NY	BLANK0000028459	55.7
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	165.1
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	188.9
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	196.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
594.5 79,725		570.3 78,445		562.3 78,045		558.3 77,961	0.71 0.11
Undesired		Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL		4.0 316		4.0 316			
WNEP16M1 D16 DT APP		8.0 400				8.0 400	
CJOH-TV-6 D16 DT LIC		4.0 84		4.0 84		4.0 84	

----- Interference to BLANK0000001083 LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W16AX-D	D16	DC	LIC	ITHACA, NY	BLANK0000001083	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	148.0 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	148.0
	WNYS-TV	D15	DT	BL	SYRACUSE, NY	DTVBL58725	55.7
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	165.1
	WFNY-CD	D16	DC	CP	GLOVERSVILLE, NY	BLANK0000027243	188.9
	CJOH-TV-6	D16	DT	LIC	DESERONTO, ON	BLANKCANADA170	196.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
594.5 79,725		570.3 78,445		558.4 77,860		554.3 77,776	0.72 0.11
Undesired		Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL		4.0 316		4.0 316			
WNEP16M1 D16 DT APP		8.0 400				8.0 400	
WNYS-TV D15 DT BL		4.0 185		4.0 185		4.0 185	
CJOH-TV-6 D16 DT LIC		4.0 84		4.0 84		4.0 84	

----- Interference to BLANK0000026984 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000026984	

INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	288.3
	WOSU-TV	D16	DT	CP	COLUMBUS, OH	BLANK0000026429	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
19933.9	2,807,854	19153.6	2,765,200	18921.4	2,742,754	18917.4	2,742,712	0.02	0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	4.0			104	0.0	0
WNEP16M1 D16 DT APP	16.0			312		4.0 42
WPSU-TV D15 DD LIC	4.0			28	0.0	0
WNYO-TV D16 DT CP	4.0			104	0.0	0
WOSU-TV D16 DT CP	152.6		19,365	152.6	19,365	152.6 19,365
WJMB-CD D17 DC LIC	75.6		2,977	71.6	2,949	67.6 2,811

Interference to BLANK0000026984 CP, scenario 2

Desired:	Call WINP-TV	Chan D16	Svc DT	Status CP	City, State PITTSBURGH, PA	File Number BLANK0000026984	Distance
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	288.3
	WOSU-TV	D16	DT	APP	COLUMBUS, OH	BLANK0000033620	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7
	Service area			Terrain-limited		IX-free, before	
19933.9	2,807,854	19153.6		2,765,200	18744.8	2,733,110	IX-free, after
							Percent New IX
							0.02 0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	4.0			104	0.0	0
WNEP16M1 D16 DT APP	16.0			312		4.0 42
WPSU-TV D15 DD LIC	4.0			28	0.0	0
WNYO-TV D16 DT CP	4.0			104	0.0	0
WOSU-TV D16 DT APP	333.1		29,037	329.2	29,009	329.2 29,009
WJMB-CD D17 DC LIC	75.6		2,977	67.7	2,921	63.7 2,783

Interference to BLANK0000026984 CP, scenario 3

Desired:	Call WINP-TV	Chan D16	Svc DT	Status CP	City, State PITTSBURGH, PA	File Number BLANK0000026984	Distance		
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km		
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9		
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5		
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	288.3		
	WOSU-TV	D16	DT	BL	COLUMBUS, OH	DTVBL66185	252.8		
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7		
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX		
19933.9	2,807,854	19153.6	2,765,200	18917.4	2,742,641	18913.4	2,742,599	0.02	0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
WNEP-TV D16 DT BL	4.0			104	0.0	0
WNEP16M1 D16 DT APP	16.0			312		4.0 42
WPSU-TV D15 DD LIC	4.0			28	0.0	0
WNYO-TV D16 DT CP	4.0			104	0.0	0
WOSU-TV D16 DT BL	156.6		19,478	156.6	19,478	156.6 19,478
WJMB-CD D17 DC LIC	75.6		2,977	71.6	2,949	67.6 2,811

Interference to BLANK0000026984 CP, scenario 4

Desired:	Call WINP-TV	Chan D16	Svc DT	Status CP	City, State PITTSBURGH, PA	File Number BLANK0000026984	Distance		
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km		
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9		
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5		
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	288.3		
	WOSU-TV	D16	DT	CP	COLUMBUS, OH	BLANK0000026429	252.8		
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7		
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX		
19933.9	2,807,854	19153.6	2,765,200	18921.4	2,742,754	18917.4	2,742,712	0.02	0.00

Undesired				Total IX	Unique IX, before	Unique IX, after
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INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

WNEP-TV D16 DT BL	4.0	104	0.0	0		
WNEP16M1 D16 DT APP	16.0	312			4.0	42
WPSU-TV D15 DD LIC	4.0	28	0.0	0	0.0	0
WNYO-TV D16 DT BL	4.0	104	0.0	0	0.0	0
WOSU-TV D16 DT CP	152.6	19,365	152.6	19,365	152.6	19,365
WJMB-CD D17 DC LIC	75.6	2,977	71.6	2,949	67.6	2,811

Interference to BLANK0000026984 CP, scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000026984	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	288.3
	WOSU-TV	D16	DT	APP	COLUMBUS, OH	BLANK0000033620	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
19933.9	2,807,854	19153.6	2,765,200	18744.8	2,733,110	18740.8 2,733,068	0.02 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	4.0	104	0.0	0		
WNEP16M1 D16 DT APP	16.0	312			4.0	42
WPSU-TV D15 DD LIC	4.0	28	0.0	0	0.0	0
WNYO-TV D16 DT BL	4.0	104	0.0	0	0.0	0
WOSU-TV D16 DT APP	333.1	29,037	329.2	29,009	329.2	29,009
WJMB-CD D17 DC LIC	75.6	2,977	67.7	2,921	63.7	2,783

Interference to BLANK0000026984 CP, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000026984	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	288.3
	WOSU-TV	D16	DT	BL	COLUMBUS, OH	DTVBL66185	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
19933.9	2,807,854	19153.6	2,765,200	18917.4	2,742,641	18913.4 2,742,599	0.02 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	4.0	104	0.0	0		
WNEP16M1 D16 DT APP	16.0	312			4.0	42
WPSU-TV D15 DD LIC	4.0	28	0.0	0	0.0	0
WNYO-TV D16 DT BL	4.0	104	0.0	0	0.0	0
WOSU-TV D16 DT BL	156.6	19,478	156.6	19,478	156.6	19,478
WJMB-CD D17 DC LIC	75.6	2,977	71.6	2,949	67.6	2,811

Interference to DTVBL41314 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WINP-TV	D16	DT	BL	PITTSBURGH, PA	DTVBL41314	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	288.3
	WOSU-TV	D16	DT	CP	COLUMBUS, OH	BLANK0000026429	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
19933.9	2,807,854	19149.6	2,765,197	18925.4	2,743,166	18921.4 2,743,124	0.02 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	4.0	104	0.0	0		
WNEP16M1 D16 DT APP	16.0	312			4.0	42
WPSU-TV D15 DD LIC	4.0	28	0.0	0	0.0	0
WNYO-TV D16 DT CP	4.0	104	0.0	0	0.0	0
WOSU-TV D16 DT CP	152.5	19,507	152.5	19,507	152.5	19,507
WJMB-CD D17 DC LIC	67.6	2,420	63.7	2,392	59.7	2,254

Interference to DTVBL41314 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WINP-TV	D16	DT	BL	PITTSBURGH, PA	DTVBL41314	

INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	288.3
	WOSU-TV	D16	DT	APP	COLUMBUS, OH	BLANK0000033620	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
19933.9	2,807,854	19149.6	2,765,197	18748.8	2,733,522	18744.8	2,733,480	0.02	0.00

Undesired				Total IX	Unique IX, before		Unique IX, after
WNEP-TV D16 DT BL	4.0			104	0.0	0	
WNEP16M1 D16 DT APP	16.0			312			4.0 42
WPSU-TV D15 DD LIC	4.0			28	0.0	0	0.0 0
WNYO-TV D16 DT CP	4.0			104	0.0	0	0.0 0
WOSU-TV D16 DT APP	333.1			29,179	329.1	29,151	329.1 29,151
WJMB-CD D17 DC LIC	67.6			2,420	59.7	2,364	55.7 2,226

Interference to DTVBL41314 BL, scenario 3

Desired:	Call WINP-TV	Chan D16	Svc DT	Status BL	City, State PITTSBURGH, PA	File Number DTVBL41314	Distance		
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km		
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9		
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5		
	WNYO-TV	D16	DT	CP	BUFFALO, NY	BLANK0000027292	288.3		
	WOSU-TV	D16	DT	BL	COLUMBUS, OH	DTVBL66185	252.8		
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
19933.9	2,807,854	19149.6	2,765,197	18925.5	2,743,090	18921.5	2,743,048	0.02	0.00

Undesired				Total IX	Unique IX, before		Unique IX, after
WNEP-TV D16 DT BL	4.0			104	0.0	0	
WNEP16M1 D16 DT APP	16.0			312			4.0 42
WPSU-TV D15 DD LIC	4.0			28	0.0	0	0.0 0
WNYO-TV D16 DT CP	4.0			104	0.0	0	0.0 0
WOSU-TV D16 DT BL	152.4			19,583	152.4	19,583	152.4 19,583
WJMB-CD D17 DC LIC	67.6			2,420	63.7	2,392	59.7 2,254

Interference to DTVBL41314 BL, scenario 4

Desired:	Call WINP-TV	Chan D16	Svc DT	Status BL	City, State PITTSBURGH, PA	File Number DTVBL41314	Distance		
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km		
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9		
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5		
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	288.3		
	WOSU-TV	D16	DT	CP	COLUMBUS, OH	BLANK0000026429	252.8		
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7		
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX		
19933.9	2,807,854	19149.6	2,765,197	18925.4	2,743,166	18921.4	2,743,124	0.02	0.00

Undesired				Total IX	Unique IX, before		Unique IX, after
WNEP-TV D16 DT BL	4.0			104	0.0	0	
WNEP16M1 D16 DT APP	16.0			312			4.0 42
WPSU-TV D15 DD LIC	4.0			28	0.0	0	0.0 0
WNYO-TV D16 DT BL	4.0			104	0.0	0	0.0 0
WOSU-TV D16 DT CP	152.5			19,507	152.5	19,507	152.5 19,507
WJMB-CD D17 DC LIC	67.6			2,420	63.7	2,392	59.7 2,254

Interference to DTVBL41314 BL, scenario 5

Desired:	Call WINP-TV	Chan D16	Svc DT	Status BL	City, State PITTSBURGH, PA	File Number DTVBL41314	Distance		
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km		
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9		
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5		
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	288.3		
	WOSU-TV	D16	DT	APP	COLUMBUS, OH	BLANK0000033620	252.8		
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
19933.9	2,807,854	19149.6	2,765,197	18748.8	2,733,522	18744.8	2,733,480	0.02	0.00

Undesired				Total IX	Unique IX, before		Unique IX, after
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INTERFERENCE ANALYSIS FOR PROPOSED WNEP-TV SCRANTON, PA (CHANNEL 16)

WNEP-TV D16 DT BL	4.0	104	0.0	0		
WNEP16M1 D16 DT APP	16.0	312			4.0	42
WPSU-TV D15 DD LIC	4.0	28	0.0	0	0.0	0
WNYO-TV D16 DT BL	4.0	104	0.0	0	0.0	0
WOSU-TV D16 DT APP	333.1	29,179	329.1	29,151	329.1	29,151
WJMB-CD D17 DC LIC	67.6	2,420	59.7	2,364	55.7	2,226

Interference to DTVBL41314 BL, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WINP-TV	D16	DT	BL	PITTSBURGH, PA	DTVBL41314	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	353.9 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	353.9
	WPSU-TV	D15	DD	LIC	CLEARFIELD, PA	BLEDT20130614ACC	148.5
	WNYO-TV	D16	DT	BL	BUFFALO, NY	DTVBL67784	288.3
	WOSU-TV	D16	DT	BL	COLUMBUS, OH	DTVBL66185	252.8
	WJMB-CD	D17	DC	LIC	BUTLER, PA	BLDTA20121108ALX	53.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
19933.9	2,807,854	19149.6	2,765,197	18925.5	2,743,090	18921.5 2,743,048	0.02 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	4.0	104	0.0	0		
WNEP16M1 D16 DT APP	16.0	312			4.0	42
WPSU-TV D15 DD LIC	4.0	28	0.0	0	0.0	0
WNYO-TV D16 DT BL	4.0	104	0.0	0	0.0	0
WOSU-TV D16 DT BL	152.4	19,583	152.4	19,583	152.4	19,583
WJMB-CD D17 DC LIC	67.6	2,420	63.7	2,392	59.7	2,254

Interference to BLCDT20090918ABV LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPHL-TV	D17	DT	LIC	PHILADELPHIA, PA	BLCDT20090918ABV	
Undesireds:	WNEP-TV	D16	DT	BL	SCRANTON, PA	DTVBL73318	137.5 km
	WNEP16M1	D16	DT	APP	SCRANTON, PA	wnep16m1	137.5
	WPXQ-TV	D17	DT	LIC	BLOCK ISLAND, RI	BLANK0000033570	332.6
	WMBC-TV	D18	DD	LIC	NEWTON, NJ	BLCDT20101130AAX	126.8
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
30773.3	10,421,216	29830.4	10,246,856	29742.4	10,207,636	29738.4 10,207,535	0.01 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WNEP-TV D16 DT BL	4.0	147	4.0	147		
WNEP16M1 D16 DT APP	8.0	248			8.0	248
WPXQ-TV D17 DT LIC	4.0	84	4.0	84	4.0	84
WMBC-TV D18 DD LIC	80.0	38,989	80.0	38,989	80.0	38,989
