

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 07-19-2002 Time: 15:52:58

Record Selected for Analysis

WTOV-DT BMPCDT -20020408AAK STEUBENVILLE OH US  
Channel 57 ERP 1000. kW HAAT 00261 m RCAMSL 00578 m  
Latitude 040-20-33 Longitude 0080-37-14  
Status APP Zone 1 Border C  
Last update 00000000 Cutoff date 00141214 Docket  
Comments  
Applicant WTOV-TV HOLDINGS, INC.

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	314.2	98.4
45.0	1000.000	250.1	89.2
90.0	1000.000	223.4	85.7
135.0	1000.000	256.9	90.4
180.0	1000.000	292.4	95.9
225.0	1000.000	255.8	90.2
270.0	1000.000	251.2	89.4
315.0	1000.000	241.1	87.9

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance  
Distance to border = 205.8km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 0.17km from AM station

STEUBENVILLE OH WSTV Status: L Antenna: ND1

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN	
57	WTOV-DT	STEUBENVILLE OH	BMPCDT	20020408AAK

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WEAO	AKRON OH	118.5	LIC	BLET	-19821105KI
53	WPGH-TV	PITTSBURGH PA	54.8	LIC	BMLCT	-19851121KI
53	WPGH-TV	PITTSBURGH PA	54.8	CP	BPCT	-19930708KF
56	NEW	NEW CASTLE PA	90.2	ADD	BPRM	-20000717AFN
57	WILX-DT	ONONDAGA MI	403.7	CP	BPCDT	-19991028ACS
57	WILX-DT	ONONDAGA MI	403.7	PLN	DTVPLN	-DTVP1532
57	961213KF	WAVERLY NY	392.7	APP	BPET	-19961213KF
57	961213KE	WAVERLY NY	386.0	APP	BPET	-19961213KE
57	WHTM-DT	HARRISBURG PA	311.0	APP	BPCDT	-19991028ACF
57	WHTM-DT	HARRISBURG PA	311.0	PLN	DTVPLN	-DTVP1542
57	WNVC-DT	FAIRFAX VA	333.5	PLN	DTVPLN	-DTVP1544
58	WJET-DT	ERIE PA	194.2	PLN	DTVPLN	-DTVP1559
58	WJET-DT	ERIE PA	194.3	APP	BMPCDT	-20000501AEK
58	WDTV-DT	WESTON WV	142.0	PLN	DTVPLN	-DTVP1565

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### Analysis of Interference to Affected Station 1

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
49	WEAO	AKRON OH	DTVPLN	-NPLN1178

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WKBN-DT	YOUNGSTOWN OH	82.9	PLN	DTVPLN	-DTVP1109
42	WGGN-DT	SANDUSKY OH	102.9	PLN	DTVPLN	-DTVP1141
46	WNEO-DT	ALLIANCE OH	63.7	PLN	DTVPLN	-DTVP1269
47	WOAC-DT	CANTON OH	25.1	PLN	DTVPLN	-DTVP1302
48	WPXI-DT	PITTSBURGH PA	153.4	PLN	DTVPLN	-DTVP1332
49	WNWO-DT	TOLEDO OH	157.7	PLN	DTVPLN	-DTVP1359
49	WHSV-DT	HARRISONBURG VA	376.3	PLN	DTVPLN	-DTVP1365
49	WTAP-DT	PARKERSBURG WV	192.7	PLN	DTVPLN	-DTVP1367
50	WEAO-DT	AKRON OH	0.0	PLN	DTVPLN	-DTVP1386
50	WQLN-DT	ERIE PA	168.4	PLN	DTVPLN	-DTVP1389
50	WPCB-DT	GREENSBURG PA	173.9	PLN	DTVPLN	-DTVP1390
57	WTOV-DT	STEUBENVILLE OH	134.1	PLN	DTVPLN	-DTVP1541

49	WIPB	MUNCIE IN	332.1	PLN	DTVPLN	-NPLN0584
49	WAQP	SAGINAW MI	310.3	PLN	DTVPLN	-NPLN0788
49	WNYOTV	BUFFALO NY	323.5	PLN	DTVPLN	-NPLN1177
52	WGGNTV	SANDUSKY OH	102.9	PLN	DTVPLN	-NPLN1182

Results for: 49N OH AKRON DTVPLN NPLN1178 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3229067	13535.6
not affected by terrain losses	3137137	13222.3
lost to NTSC IX	25282	76.3
lost to additional IX by ATV	255147	1213.0
lost to all IX	280429	1289.3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WEAO	AKRON OH	BLET	-19821105KI

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WKBN-DT	YOUNGSTOWN OH	82.8	APP	BPCDT	-19991025ACU
41	WKBN-DT	YOUNGSTOWN OH	82.9	PLN	DTVPLN	-DTVP1109
42	WGGN-DT	SANDUSKY OH	102.9	APP	BMPCDT	-20000501AIZ
42	WGGN-DT	SANDUSKY OH	102.9	PLN	DTVPLN	-DTVP1141
46	WNEO-DT	ALLIANCE OH	63.7	CP	BPEDT	-20000426ABK
46	WNEO-DT	ALLIANCE OH	63.7	PLN	DTVPLN	-DTVP1269
47	WOAC-DT	CANTON OH	25.1	CP	BPCDT	-19991101AEX
47	WOAC-DT	CANTON OH	25.1	PLN	DTVPLN	-DTVP1302
48	WPXI-DT	PITTSBURGH PA	153.4	PLN	DTVPLN	-DTVP1332
49	WIPB	MUNCIE IN	332.1	LIC	BLET	-19810717KI
49	WAQP	SAGINAW MI	310.3	LIC	BLCT	-19850403KF
49	WNYO-TV	BUFFALO NY	323.5	LIC	BLCT	-19870911KH
49	WNWO-DT	TOLEDO OH	157.7	PLN	DTVPLN	-DTVP1359
49	WNPA	JEANNETTE PA	173.8	APP	BPRM	-20000413AAE
49	WHSV-DT	HARRISONBURG VA	376.3	CP	BPCDT	-19991028ADT
49	WHSV-DT	HARRISONBURG VA	376.3	PLN	DTVPLN	-DTVP1365
49	WTAP-DT	PARKERSBURG WV	192.7	CP	BPCDT	-19991028ADE
49	WTAP-DT	PARKERSBURG WV	192.7	PLN	DTVPLN	-DTVP1367
50	WEAO	AKRON OH	0.0	APP	BPEDT	-20000426ABO
50	WEAO-DT	AKRON OH	0.0	PLN	DTVPLN	-DTVP1386
50	WQLN	ERIE PA	168.5	APP	BMPEDT	-20000412AAR
50	WQLN-DT	ERIE PA	168.4	PLN	DTVPLN	-DTVP1389
50	WQLN-DT	ERIE PA	168.5	STA	BDSTA	-20020221ABR
50	WPCB-DT	GREENSBURG PA	173.8	CP	BPCDT	-19991026ABB
50	WPCB-DT	GREENSBURG PA	173.9	PLN	DTVPLN	-DTVP1390
52	WGGN-TV	SANDUSKY OH	102.9	LIC	BLCT	-19940310KE
56	960920WG	COLUMBUS OH	170.7	APP	BPET	-19960920WG
56	NEW	NEW CASTLE PA	137.9	ADD	BPRM	-20000717AFN
57	WTOV-DT	STEUBENVILLE OH	118.5	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	134.1	PLN	DTVPLN	-DTVP1541

Proposal causes no interference

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## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
53	WPGHTV	PITTSBURGH PA	DTVPLN -NPLN1389

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WNEO-DT	ALLIANCE OH	89.0	PLN	DTVPLN -DTVP1269
46	WKBS-DT	ALTOONA PA	132.4	PLN	DTVPLN -DTVP1274
50	WPCB-DT	GREENSBURG PA	22.2	PLN	DTVPLN -DTVP1390
51	WTAE-DT	PITTSBURGH PA	29.4	PLN	DTVPLN -DTVP1420
52	WICU-DT	ERIE PA	174.4	PLN	DTVPLN -DTVP1446
52	WBOY-DT	CLARKSBURG WV	137.3	PLN	DTVPLN -DTVP1451
53	WAQF-DT	BATAVIA NY	313.7	PLN	DTVPLN -DTVP1463
53	WSWP-DT	GRANDVIEW WV	301.1	PLN	DTVPLN -DTVP1470
54	WGPT-DT	OAKLAND MD	135.6	PLN	DTVPLN -DTVP1477
57	WTOV-DT	STEUBENVILLE OH	39.0	PLN	DTVPLN -DTVP1541
68	WJAL	HAGERSTOWN MD	185.5	PLN	DTVPLN -NPLN0800
45	WNEO	ALLIANCE OH	89.0	PLN	DTVPLN -NPLN1173
53	WWHO	CHILLICOTHE OH	282.9	PLN	DTVPLN -NPLN1183
67	WOAC	CANTON OH	131.2	PLN	DTVPLN -NPLN1198
68	WMFDTV	MANSFIELD OH	222.4	PLN	DTVPLN -NPLN1200
54	WQLN	ERIE PA	172.0	PLN	DTVPLN -NPLN1293
53	WILF	WILLIAMSPORT PA	254.3	PLN	DTVPLN -NPLN1390
53	WNVN	GOLDVEIN VA	302.3	PLN	DTVPLN -NPLN1592
46	WLYJ	CLARKSBURG WV	135.9	PLN	DTVPLN -NPLN1745
60	WSHE	MARTINSBURG WV	201.5	PLN	DTVPLN -NPLN1750

Results for: 53N PA PITTSBURGH	DTVPLN	NPLN1389	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	6133	168.3	
lost to additional IX by ATV	46187	580.9	
lost to all IX	52320	749.2	

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
53	WPGH-TV	PITTSBURGH PA	BMLCT -19851121KI

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WNEO	ALLIANCE OH	89.0	LIC	BMLET -19891204KE
46	900725KG	JAMESTOWN NY	186.5	APP	BPET -19900725KG
46	WNEO-DT	ALLIANCE OH	89.0	CP	BPEDT -20000426ABK
46	WNEO-DT	ALLIANCE OH	89.0	PLN	DTVPLN -DTVP1269
46	WKBS-DT	ALTOONA PA	132.4	CP	BPCDT -19991026ACS
46	WKBS-DT	ALTOONA PA	132.4	PLN	DTVPLN -DTVP1274
46	WVFX	CLARKSBURG WV	135.9	LIC	BLCT -19810824KE
49	WNPA	JEANNETTE PA	22.1	APP	BPRM -20000413AAE
50	WPCB-DT	GREENSBURG PA	22.1	CP	BPCDT -19991026ABB
50	WPCB-DT	GREENSBURG PA	22.2	PLN	DTVPLN -DTVP1390
51	WTAE-DT	PITTSBURGH PA	29.4	PLN	DTVPLN -DTVP1420
51	WTAE-DT	PITTSBURGH PA	29.4	CP	BPCDT -20000421AAP
52	WICU-DT	ERIE PA	174.4	STA	BDSTA -20020416ABB

52	WICU-DT	ERIE PA	174.4	PLN	DTVPLN	-DTVP1446
52	WICU-DT	ERIE PA	174.4	CP	BPCDT	-19991015AAK
52	WBOY-DT	CLARKSBURG WV	137.3	PLN	DTVPLN	-DTVP1451
53	WPXJ-DT	BATAVIA NY	313.7	APP	BPCDT	-19990326KE
53	WAQF-DT	BATAVIA NY	313.7	PLN	DTVPLN	-DTVP1463
53	WWHO	CHILLICOTHE OH	282.9	LIC	BLCT	-19980731KK
53	WILF	WILLIAMSPORT PA	254.3	LIC	BLCT	-19990203KE
53	WNVN	GOLDVEIN VA	302.3	LIC	BLET	-303
53	WSWP-DT	GRANDVIEW WV	301.1	PLN	DTVPLN	-DTVP1470
54	WGPT-DT	OAKLAND MD	135.6	CP	BPEDT	-20000501AGI
54	WGPT-DT	OAKLAND MD	135.6	PLN	DTVPLN	-DTVP1477
54	WQLN	ERIE PA	172.0	LIC	BLET	-19790827KG
55	NEW	FAIRMONT WV	135.9	ADD	BPRM	-20000717ACJ
56	NEW	NEW CASTLE PA	56.0	ADD	BPRM	-20000717AFN
57	WTOV-DT	STEUBENVILLE OH	54.8	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	38.9	PLN	DTVPLN	-DTVP1541
60	WWPX	MARTINSBURG WV	201.5	LIC	BLCT	-19960826KG
60	WWPX	MARTINSBURG WV	201.5	APP	BPCT	-20010622AAI
67	WOAC	CANTON OH	131.1	LIC	BLCT	-19961015KE
68	WJAL	HAGERSTOWN MD	185.6	LIC	BLCT	-19870515KG
68	WMFD-TV	MANSFIELD OH	222.4	CP	BPCT	-19960813KF

Total scenarios = 4

Result key: 1  
Scenario 1 Affected station 2  
Before Analysis

Results for: 53N PA PITTSBURGH			BMLCT	19851121KI	LIC
		POPULATION		AREA (sq km)	
within Noise Limited Contour	2876554	17651.5			
not affected by terrain losses	2730651	16221.3			
lost to NTSC IX	6949	144.2			
lost to additional IX by ATV	44421	560.9			
lost to all IX	51370	705.1			

Potential Interfering Stations Included in above Scenario 1

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 53N PA PITTSBURGH			BMLCT	19851121KI	LIC
		POPULATION		AREA (sq km)	
within Noise Limited Contour	2876554	17651.5			
not affected by terrain losses	2730651	16221.3			
lost to NTSC IX	6949	144.2			
lost to additional IX by ATV	56039	608.9			
lost to all IX	62988	753.2			

Potential Interferring Stations Included in above Scenario 1

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 2  
 Scenario 2 Affected station 2  
 Before Analysis

Results for: 53N PA PITTSBURGH	BMLCT	19851121KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876554	17651.5	
not affected by terrain losses	2730651	16221.3	
lost to NTSC IX	6949	144.2	
lost to additional IX by ATV	38019	432.7	
lost to all IX	44968	576.9	

Potential Interferring Stations Included in above Scenario 2

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 53N PA PITTSBURGH	BMLCT	19851121KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876554	17651.5	
not affected by terrain losses	2730651	16221.3	
lost to NTSC IX	6949	144.2	
lost to additional IX by ATV	49637	480.7	
lost to all IX	56586	625.0	

Potential Interferring Stations Included in above Scenario 2

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 3  
 Scenario 3 Affected station 2  
 Before Analysis

Results for: 53N PA PITTSBURGH	BMLCT	19851121KI	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	2876554	17651.5
not affected by terrain losses	2730651	16221.3
lost to NTSC IX	11579	296.5
lost to additional IX by ATV	44421	560.9
lost to all IX	56000	857.3

Potential Interferring Stations Included in above Scenario 3

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 53N PA PITTSBURGH	BMLCT	19851121KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876554	17651.5	
not affected by terrain losses	2730651	16221.3	
lost to NTSC IX	11579	296.5	
lost to additional IX by ATV	56039	608.9	
lost to all IX	67618	905.4	

Potential Interferring Stations Included in above Scenario 3

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 4  
 Scenario 4 Affected station 2  
 Before Analysis

Results for: 53N PA PITTSBURGH	BMLCT	19851121KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876554	17651.5	
not affected by terrain losses	2730651	16221.3	
lost to NTSC IX	11579	296.5	
lost to additional IX by ATV	38019	432.7	
lost to all IX	49598	729.1	

Potential Interferring Stations Included in above Scenario 4

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC

53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

# After Analysis

Results for: 53N PA PITTSBURGH	BMLCT	19851121KI	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876554	17651.5	
not affected by terrain losses	2730651	16221.3	
lost to NTSC IX	11579	296.5	
lost to additional IX by ATV	49637	480.7	
lost to all IX	61216	777.2	

Potential Interfering Stations Included in above Scenario 4

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

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## Analysis of Interference to Affected Station 3

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
53	WPGH-TV	PITTSBURGH PA	BPCT	-19930708KF

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WNEO	ALLIANCE OH	89.0	LIC	BMLET	-19891204KE
46	900725KG	JAMESTOWN NY	186.5	APP	BPET	-19900725KG
46	WNEO-DT	ALLIANCE OH	89.0	CP	BPEDT	-20000426ABK
46	WNEO-DT	ALLIANCE OH	89.0	PLN	DTVPLN	-DTVP1269
46	WKBS-DT	ALTOONA PA	132.4	CP	BPCDT	-19991026ACS
46	WKBS-DT	ALTOONA PA	132.4	PLN	DTVPLN	-DTVP1274
46	WVFX	CLARKSBURG WV	135.9	LIC	BLCT	-19810824KE
49	WNPA	JEANNETTE PA	22.0	APP	BPRM	-20000413AAE
50	WPCB-DT	GREENSBURG PA	22.0	CP	BPCDT	-19991026ABB
50	WPCB-DT	GREENSBURG PA	22.2	PLN	DTVPLN	-DTVP1390
51	WTAE-DT	PITTSBURGH PA	29.4	PLN	DTVPLN	-DTVP1420
51	WTAE-DT	PITTSBURGH PA	29.4	CP	BPCDT	-20000421AAP
52	WICU-DT	ERIE PA	174.4	STA	BDSTA	-20020416ABB
52	WICU-DT	ERIE PA	174.4	PLN	DTVPLN	-DTVP1446



52	WICU-DT	ERIE PA	174.4	CP	BPCDT	-19991015AAK
52	WBOY-DT	CLARKSBURG WV	137.3	PLN	DTVPLN	-DTVP1451
53	WPXJ-DT	BATAVIA NY	313.7	APP	BPCDT	-19990326KE
53	WAQF-DT	BATAVIA NY	313.7	PLN	DTVPLN	-DTVP1463
53	WWHO	CHILLICOTHE OH	282.9	LIC	BLCT	-19980731KK
53	WILF	WILLIAMSPORT PA	254.3	LIC	BLCT	-19990203KE
53	WNVTV	GOLDVEIN VA	302.3	LIC	BLET	-303
53	WSWP-DT	GRANDVIEW WV	301.1	PLN	DTVPLN	-DTVP1470
54	WGPT-DT	OAKLAND MD	135.6	CP	BPEDT	-20000501AGI
54	WGPT-DT	OAKLAND MD	135.6	PLN	DTVPLN	-DTVP1477
54	WQLN	ERIE PA	172.0	LIC	BLET	-19790827KG
55	NEW	FAIRMONT WV	135.9	ADD	BPRM	-20000717ACJ
56	NEW	NEW CASTLE PA	56.0	ADD	BPRM	-20000717AFN
57	WTOV-DT	STEUBENVILLE OH	54.8	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	39.0	PLN	DTVPLN	-DTVP1541
60	WWPX	MARTINSBURG WV	201.5	LIC	BLCT	-19960826KG
60	WWPX	MARTINSBURG WV	201.5	APP	BPCT	-20010622AAI
67	WOAC	CANTON OH	131.2	LIC	BLCT	-19961015KE
68	WJAL	HAGERSTOWN MD	185.5	LIC	BLCT	-19870515KG
68	WMFD-TV	MANSFIELD OH	222.4	CP	BPCT	-19960813KF

Total scenarios = 4

Result key: 5  
Scenario 1 Affected station 3  
Before Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	6130	180.3	
lost to additional IX by ATV	47066	588.9	
lost to all IX	53196	769.2	

Potential Interfering Stations Included in above Scenario 1

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
46A OH ALLIANCE	BPEDT	20000426ABK	CP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	6130	180.3	
lost to additional IX by ATV	56045	588.9	
lost to all IX	62175	769.2	

Potential Interferring Stations Included in above Scenario 1

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
46A OH ALLIANCE	BPEDT	20000426ABK	CP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 6  
 Scenario 2 Affected station 3  
 Before Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	6130	180.3	
lost to additional IX by ATV	36847	452.7	
lost to all IX	42977	633.0	

Potential Interferring Stations Included in above Scenario 2

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
46A OH ALLIANCE	BPEDT	20000426ABK	CP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	6130	180.3	
lost to additional IX by ATV	45826	452.7	
lost to all IX	51956	633.0	

Potential Interferring Stations Included in above Scenario 2

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
46A OH ALLIANCE	BPEDT	20000426ABK	CP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 7  
 Scenario 3 Affected station 3

# Before Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	10874	336.5	
lost to additional IX by ATV	47066	588.9	
lost to all IX	57940	925.4	

Potential Interferring Stations Included in above Scenario 3

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
46A OH ALLIANCE	BPEDT	20000426ABK	CP
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

# After Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	10874	336.5	
lost to additional IX by ATV	56045	588.9	
lost to all IX	66919	925.4	

Potential Interferring Stations Included in above Scenario 3

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
46A OH ALLIANCE	BPEDT	20000426ABK	CP
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	DTVPLN	DTVP1420	PLN
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 8  
Scenario 4 Affected station 3  
Before Analysis

Results for: 53N PA PITTSBURGH	BPCT	19930708KF	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2876888	17659.6	
not affected by terrain losses	2735529	16225.3	
lost to NTSC IX	10874	336.5	
lost to additional IX by ATV	36847	452.7	
lost to all IX	47721	789.2	

Potential Interfering Stations Included in above Scenario 4

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
46A OH ALLIANCE	BPEDT	20000426ABK	CP
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 53N PA PITTSBURGH BPCT 19930708KF CP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2876888	17659.6
not affected by terrain losses	2735529	16225.3
lost to NTSC IX	10874	336.5
lost to additional IX by ATV	45826	452.7
lost to all IX	56700	789.2

Potential Interfering Stations Included in above Scenario 4

45N OH ALLIANCE	BMLET	19891204KE	LIC
53N OH CHILLICOTHE	BLCT	19980731KK	LIC
53N PA WILLIAMSPORT	BLCT	19990203KE	LIC
56N PA NEW CASTLE	BPRM	20000717AFN	ADD
46A OH ALLIANCE	BPEDT	20000426ABK	CP
49A PA JEANNETTE	BPRM	20000413AAE	APP
50A PA GREENSBURG	BPCDT	19991026ABB	CP
51A PA PITTSBURGH	BPCDT	20000421AAP	CP
53A WV GRANDVIEW	DTVPLN	DTVP1470	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
56	NEW	NEW CASTLE PA	BPRM	-20000717AFN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WPXI-DT	PITTSBURGH PA	59.6	PLN	DTVPLN	-DTVP1332
49	WEAO	AKRON OH	137.9	LIC	BLET	-19821105KI
49	WNPA	JEANNETTE PA	69.7	APP	BPRM	-20000413AAE
52	WICU-DT	ERIE PA	118.4	STA	BDSTA	-20020416ABB
52	WICU-DT	ERIE PA	118.4	PLN	DTVPLN	-DTVP1446
52	WICU-DT	ERIE PA	118.4	CP	BPCDT	-19991015AAK
53	WPGH-TV	PITTSBURGH PA	56.0	CP	BPCT	-19930708KF

54	WQLN	ERIE PA	116.0	LIC	BLET	-19790827KG
55	WBNX-TV	AKRON OH	148.8	CP	BPCT	-20000214AAR
55	NEW	FAIRMONT WV	191.2	ADD	BPRM	-20000717ACJ
56	WTVS	DETROIT MI	321.0	LIC	BLET	-19840124KG
56	WTVS	DETROIT MI	321.0	APP	BPET	-19960205KF
56	NEW	ARCADE NY	181.1	APP	BPRM	-20000717AEW
56	WBGU-DT	BOWLING GREEN OH	328.4	CP	BPEDT	-20000103ACA
56	WBGU-DT	BOWLING GREEN OH	328.4	PLN	DTVPLN	-DTVP1518
56	960920WG	COLUMBUS OH	280.9	APP	BPET	-19960920WG
56	WOLF-TV	HAZLETON PA	345.9	CP MOD	BMPCT	-19971222KE
56	WNVC	FAIRFAX VA	333.8	CP	BPET	-19901116KE
57	WTOV-DT	STEUBENVILLE OH	90.2	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	83.2	PLN	DTVPLN	-DTVP1541
58	WJET-DT	ERIE PA	115.8	PLN	DTVPLN	-DTVP1559
58	WJET-DT	ERIE PA	115.9	APP	BMPCDT	-20000501AEK
59	WVPX	AKRON OH	133.6	APP	BPCDT	-19990128KN
59	WAKC-DT	AKRON OH	133.6	PLN	DTVPLN	-DTVP1582
63	NEW	HOLLIDAYSBURG PA	148.4	ADD	BPRM	-19960725AAO

Total scenarios = 3

Result key: 9  
 Scenario 1 Affected station 4  
 Before Analysis

Results for: 56N PA NEW CASTLE	BPRM	20000717AFN	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2345328	15343.0	
not affected by terrain losses	2113033	14422.0	
lost to NTSC IX	255820	273.5	
lost to additional IX by ATV	28235	100.5	
lost to all IX	284055	374.0	

Potential Interferring Stations Included in above Scenario 1

53N PA PITTSBURGH	BPCT	19930708KF	CP
55N OH AKRON	BPCT	20000214AAR	CP
56N MI DETROIT	BLET	19840124KG	LIC
48A PA PITTSBURGH	DTVPLN	DTVP1332	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 56N PA NEW CASTLE	BPRM	20000717AFN	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2345328	15343.0	
not affected by terrain losses	2113033	14422.0	
lost to NTSC IX	255820	273.5	
lost to additional IX by ATV	4452	44.2	
lost to all IX	260272	317.7	

Potential Interferring Stations Included in above Scenario 1

53N PA PITTSBURGH	BPCT	19930708KF	CP
55N OH AKRON	BPCT	20000214AAR	CP
56N MI DETROIT	BLET	19840124KG	LIC

48A PA PITTSBURGH	DTVPLN	DTVP1332	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 10  
Scenario 2 Affected station 4  
Before Analysis

Results for: 56N PA NEW CASTLE	BPRM	20000717AFN	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2345328	15343.0	
not affected by terrain losses	2113033	14422.0	
lost to NTSC IX	257113	297.6	
lost to additional IX by ATV	66935	723.9	
lost to all IX	324048	1021.5	

Potential Interferring Stations Included in above Scenario 2

53N PA PITTSBURGH	BPCT	19930708KF	CP
55N OH AKRON	BPCT	20000214AAR	CP
56N MI DETROIT	BLET	19840124KG	LIC
56N OH COLUMBUS	BPET	19960920WG	APP
48A PA PITTSBURGH	DTVPLN	DTVP1332	PLN
49A PA JEANNETTE	BPRM	20000413AAE	APP
56A NY ARCADE	BPRM	20000717AEW	APP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 56N PA NEW CASTLE	BPRM	20000717AFN	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2345328	15343.0	
not affected by terrain losses	2113033	14422.0	
lost to NTSC IX	257113	297.6	
lost to additional IX by ATV	47696	675.7	
lost to all IX	304809	973.3	

Potential Interferring Stations Included in above Scenario 2

53N PA PITTSBURGH	BPCT	19930708KF	CP
55N OH AKRON	BPCT	20000214AAR	CP
56N MI DETROIT	BLET	19840124KG	LIC
56N OH COLUMBUS	BPET	19960920WG	APP
48A PA PITTSBURGH	DTVPLN	DTVP1332	PLN
49A PA JEANNETTE	BPRM	20000413AAE	APP
56A NY ARCADE	BPRM	20000717AEW	APP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 11  
Scenario 3 Affected station 4  
Before Analysis

Results for: 56N PA NEW CASTLE	BPRM	20000717AFN	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2345328	15343.0	
not affected by terrain losses	2113033	14422.0	
lost to NTSC IX	263406	345.9	
lost to additional IX by ATV	61834	691.7	

lost to all IX 325240 1037.6

Potential Interfering Stations Included in above Scenario 3

53N PA PITTSBURGH	BPCT	19930708KF	CP
55N OH AKRON	BPCT	20000214AAR	CP
56N MI DETROIT	BPET	19960205KF	APP
56N OH COLUMBUS	BPET	19960920WG	APP
48A PA PITTSBURGH	DTVPLN	DTVP1332	PLN
49A PA JEANNETTE	BPRM	20000413AAE	APP
56A NY ARCADE	BPRM	20000717AEW	APP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 56N PA NEW CASTLE	BPRM	20000717AFN	ADD
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2345328	15343.0	
not affected by terrain losses	2113033	14422.0	
lost to NTSC IX	263406	345.9	
lost to additional IX by ATV	42595	643.5	
lost to all IX	306001	989.4	

Potential Interfering Stations Included in above Scenario 3

53N PA PITTSBURGH	BPCT	19930708KF	CP
55N OH AKRON	BPCT	20000214AAR	CP
56N MI DETROIT	BPET	19960205KF	APP
56N OH COLUMBUS	BPET	19960920WG	APP
48A PA PITTSBURGH	DTVPLN	DTVP1332	PLN
49A PA JEANNETTE	BPRM	20000413AAE	APP
56A NY ARCADE	BPRM	20000717AEW	APP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

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Analysis of Interference to Affected Station 5

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
57	WILX-DT	ONONDAGA MI	DTVPLN -DTVP1532

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
56	WCMU-DT	MOUNT PLEASANT MI	126.7	PLN	DTVPLN -DTVP1512
56	WBGU-DT	BOWLING GREEN OH	155.3	PLN	DTVPLN -DTVP1518
57	WCML-DT	ALPENA MI	301.4	PLN	DTVPLN -DTVP1531
57	WTOV-DT	STEUBENVILLE OH	420.3	PLN	DTVPLN -DTVP1541
58	WSJV-DT	ELKHART IN	162.3	PLN	DTVPLN -DTVP1549
58	WCMV-DT	CADILLAC MI	198.6	PLN	DTVPLN -DTVP1551
58	WJBK-DT	DETROIT MI	111.4	PLN	DTVPLN -DTVP1552
56	WTVS	DETROIT MI	103.4	PLN	DTVPLN -NPLN0794
57	WJNW	JANESVILLE WI	382.6	PLN	DTVPLN -NPLN1698

Results for: 57A MI ONONDAGA DTVPLN DTVP1532 PLN  
 HAAT 299.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2316684	28442.5
not affected by terrain losses	2303555	28366.1
lost to NTSC IX	113627	148.9
lost to additional IX by ATV	265641	1066.2
lost to ATV IX only	379268	1215.1
lost to all IX	379268	1215.1

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
10	WILXTV	ONONDAGA MI	DTVPLN	-NPLN0733

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WWTO-DT	LASALLE IL	383.6	PLN	DTVPLN	-DTVP0066
10	WCPO-DT	CINCINNATI OH	368.8	PLN	DTVPLN	-DTVP0069
10	WOIO-DT	SHAKER HEIGHTS OH	265.3	PLN	DTVPLN	-DTVP0070
11	WGVU-DT	GRAND RAPIDS MI	122.4	PLN	DTVPLN	-DTVP0078
09	WWTW	CADILLAC MI	198.3	PLN	DTVPLN	-NPLN0727
10	WWUPTV	SAULT STE. MARIE MI	404.2	PLN	DTVPLN	-NPLN0734
10	WBNSTV	COLUMBUS OH	303.5	PLN	DTVPLN	-NPLN1124
11	WTOLTV	TOLEDO OH	130.4	PLN	DTVPLN	-NPLN1126
10	WMVS	MILWAUKEE WI	281.2	PLN	DTVPLN	-NPLN1625

Results for: 10N MI ONONDAGA DTVPLN NPLN0733 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2316684	28442.5
not affected by terrain losses	2131269	27388.3
lost to NTSC IX	441732	4804.1
lost to additional IX by ATV	0	0.0
lost to all IX	441732	4804.1

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	WILX-DT	ONONDAGA MI	BPCDT	-19991028ACS

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
56	WTVS	DETROIT MI	103.4	LIC	BLET	-19840124KG
56	WTVS	DETROIT MI	103.4	APP	BPET	-19960205KF
56	WCMU-DT	MOUNT PLEASANT MI	154.6	CP	BPEDT	-20000404AAP
56	WCMU-DT	MOUNT PLEASANT MI	126.7	PLN	DTVPLN	-DTVP1512
56	WBGU-DT	BOWLING GREEN OH	155.3	CP	BPEDT	-20000103ACA
56	WBGU-DT	BOWLING GREEN OH	155.3	PLN	DTVPLN	-DTVP1518
57	NEW	DANVILLE IL	385.1	ADD	BPRM	-20000717ACX
57	WCML-DT	ALPENA MI	301.4	PLN	DTVPLN	-DTVP1531
57	WTOV-DT	STEUBENVILLE OH	403.7	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	420.3	PLN	DTVPLN	-DTVP1541
57	WHPN-TV	JANESVILLE WI	410.7	CP MOD	BMPCT	-20020405AAI
58	WSJV	ELKHART IN	162.3	CP	BPCDT	-19991101ADP
58	WSJV-DT	ELKHART IN	162.3	PLN	DTVPLN	-DTVP1549
58	960920WC	ANN ARBOR MI	80.2	APP	BPET	-19960920WC
58	WCMV-DT	CADILLAC MI	199.6	CP	BPEDT	-20000403AAS



58	WCMV-DT	CADILLAC MI	198.6	PLN	DTVPLN	-DTVP1551
58	WJBK-DT	DETROIT MI	111.4	PLN	DTVPLN	-DTVP1552

Proposal causes no interference

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# Analysis of Interference to Affected Station 6

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	WILX-DT	ONONDAGA MI	DTVPLN	-DTVP1532

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
56	WTVS	DETROIT MI	103.4	LIC	BLET	-19840124KG
56	WTVS	DETROIT MI	103.4	APP	BPET	-19960205KF
56	WCMU-DT	MOUNT PLEASANT MI	154.6	CP	BPEDT	-20000404AAP
56	WCMU-DT	MOUNT PLEASANT MI	126.7	PLN	DTVPLN	-DTVP1512
56	WBGU-DT	BOWLING GREEN OH	155.3	CP	BPEDT	-20000103ACA
56	WBGU-DT	BOWLING GREEN OH	155.3	PLN	DTVPLN	-DTVP1518
57	NEW	DANVILLE IL	385.1	ADD	BPRM	-20000717ACX
57	WCML-DT	ALPENA MI	301.4	PLN	DTVPLN	-DTVP1531
57	WTOV-DT	STEUBENVILLE OH	403.7	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	420.3	PLN	DTVPLN	-DTVP1541
57	WHPN-TV	JANESVILLE WI	410.7	CP MOD	BMPCT	-20020405AAI
58	WSJV	ELKHART IN	162.3	CP	BPCDT	-19991101ADP
58	WSJV-DT	ELKHART IN	162.3	PLN	DTVPLN	-DTVP1549
58	960920WC	ANN ARBOR MI	80.2	APP	BPET	-19960920WC
58	WCMV-DT	CADILLAC MI	199.6	CP	BPEDT	-20000403AAS
58	WCMV-DT	CADILLAC MI	198.6	PLN	DTVPLN	-DTVP1551
58	WJBK-DT	DETROIT MI	111.4	PLN	DTVPLN	-DTVP1552

Proposal causes no interference

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# Analysis of Interference to Affected Station 7

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
57	NEW	WAVERLY NY	DTVPLN	-NPLN1189

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WNEP-DT	SCRANTON PA	113.1	PLN	DTVPLN	-DTVP1361
50	WYDC-DT	CORNING NY	38.6	PLN	DTVPLN	-DTVP1385
54	WSTM-DT	SYRACUSE NY	107.4	PLN	DTVPLN	-DTVP1481
55	WENY-DT	ELMIRA NY	23.6	PLN	DTVPLN	-DTVP1501
57	WLNY-DT	RIVERHEAD NY	332.0	PLN	DTVPLN	-DTVP1540
57	WTOV-DT	STEUBENVILLE OH	371.6	PLN	DTVPLN	-DTVP1541
57	WHTM-DT	HARRISBURG PA	194.4	PLN	DTVPLN	-DTVP1542
57	WNVC-DT	FAIRFAX VA	356.3	PLN	DTVPLN	-DTVP1544

58	WHEC-DT	ROCHESTER NY	145.7	PLN	DTVPLN	-DTVP1556
57	WGBYTV	SPRINGFIELD MA	326.2	PLN	DTVPLN	-NPLN0693
56	NEW	SYRACUSE NY	111.0	PLN	DTVPLN	-NPLN1187
57	WCFETV	PLATTSBURGH NY	367.2	PLN	DTVPLN	-NPLN1188
56	WWLF	HAZLETON PA	119.8	PLN	DTVPLN	-NPLN1294
57	WPSG	PHILADELPHIA PA	250.4	PLN	DTVPLN	-NPLN1295
64	WSWBTV	SCRANTON PA	99.0	PLN	DTVPLN	-NPLN1397

Results for: 57N NY WAVERLY	DTVPLN	NPLN1189	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	660738	15490.6	
not affected by terrain losses	485958	11846.2	
lost to NTSC IX	236	40.0	
lost to additional IX by ATV	14435	132.2	
lost to all IX	14671	172.2	

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	961213KF	WAVERLY NY	BPET	-19961213KF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	WNEP-DT	SCRANTON PA	110.7	STA	BDSTA	-20020322ACO
49	WNEP-DT	SCRANTON PA	110.6	PLN	DTVPLN	-DTVP1361
49	WNEP-DT	SCRANTON PA	110.7	CP	BPCDT	-19990729KF
50	WYDC-DT	CORNING NY	44.9	CP	BPCDT	-19991029AID
50	WYDC-DT	CORNING NY	44.9	PLN	DTVPLN	-DTVP1385
54	WSTM-DT	SYRACUSE NY	103.9	PLN	DTVPLN	-DTVP1481
55	WENY-DT	ELMIRA NY	30.1	PLN	DTVPLN	-DTVP1501
56	NEW	ARCADE NY	150.4	APP	BPRM	-20000717AEW
56	WSPX-TV	SYRACUSE NY	143.9	LIC	BLCT	-19981207KE
56	WOLF-TV	HAZLETON PA	110.7	CP MOD	BMPCT	-19971222KE
57	WGBY-TV	SPRINGFIELD MA	319.0	CP MOD	BMPET	-19910624KF
57	WCFE-TV	PLATTSBURGH NY	362.2	LIC	BLET	-19881102KE
57	WLNY-DT	RIVERHEAD NY	326.0	STA	BDSTA	-20020326ABM
57	WLNY-DT	RIVERHEAD NY	326.0	PLN	DTVPLN	-DTVP1540
57	WLNY	RIVERHEAD NY	326.0	CP MOD	BMPCDT	-20000501AAL
57	WTOV-DT	STEUBENVILLE OH	392.7	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	378.3	PLN	DTVPLN	-DTVP1541
57	WHTM-DT	HARRISBURG PA	196.8	APP	BPCDT	-19991028ACF
57	WHTM-DT	HARRISBURG PA	196.8	PLN	DTVPLN	-DTVP1542
57	WPSG	PHILADELPHIA PA	248.3	CP	BPCT	-19960628KI
57	WNVC-DT	FAIRFAX VA	358.6	PLN	DTVPLN	-DTVP1544
58	WHEC-DT	ROCHESTER NY	148.6	CP	BPCDT	-19991027ACQ
58	WHEC-DT	ROCHESTER NY	148.6	PLN	DTVPLN	-DTVP1556
64	WQPX	SCRANTON PA	94.9	LIC	BLCT	-19980528KH

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of current record

Channel	Call	City/State	Application Ref. No.
57	961213KE	WAVERLY NY	BPET -19961213KE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	WNEP-DT	SCRANTON PA	113.2	STA	BDSTA -20020322ACW
49	WNEP-DT	SCRANTON PA	113.1	PLN	DTVPLN -DTVP1361
49	WNEP-DT	SCRANTON PA	113.2	CP	BPCDT -19990729KF
50	WYDC-DT	CORNING NY	38.6	CP	BPCDT -19991029AID
50	WYDC-DT	CORNING NY	38.6	PLN	DTVPLN -DTVP1385
54	WSTM-DT	SYRACUSE NY	107.4	PLN	DTVPLN -DTVP1481
55	WENY-DT	ELMIRA NY	23.6	PLN	DTVPLN -DTVP1501
56	NEW	ARCADE NY	143.4	APP	BPRM -20000717AEW
56	WSPX-TV	SYRACUSE NY	147.1	LIC	BLCT -19981207KE
56	WOLF-TV	HAZLETON PA	113.2	CP MOD	BMPCT -19971222KE
57	WGBY-TV	SPRINGFIELD MA	326.1	CP MOD	BMPET -19910624KF
57	WCFE-TV	PLATTSBURGH NY	367.2	LIC	BLET -19881102KE
57	WLNY-DT	RIVERHEAD NY	332.0	STA	BDSTA -20020326ABM
57	WLNY-DT	RIVERHEAD NY	332.0	PLN	DTVPLN -DTVP1540
57	WLNY	RIVERHEAD NY	332.0	CP MOD	BMPCDT -20000501AAL
57	WTOV-DT	STEUBENVILLE OH	386.0	APP	BMPCDT -20020408AAK
57	WTOV-DT	STEUBENVILLE OH	371.6	PLN	DTVPLN -DTVP1541
57	WHTM-DT	HARRISBURG PA	194.4	APP	BPCDT -19991028ACF
57	WHTM-DT	HARRISBURG PA	194.4	PLN	DTVPLN -DTVP1542
57	WPSG	PHILADELPHIA PA	250.4	CP	BPCT -19960628KI
57	WNVC-DT	FAIRFAX VA	356.3	PLN	DTVPLN -DTVP1544
58	WHEC-DT	ROCHESTER NY	145.7	CP	BPCDT -19991027ACQ
58	WHEC-DT	ROCHESTER NY	145.7	PLN	DTVPLN -DTVP1556
64	WQPX	SCRANTON PA	99.0	LIC	BLCT -19980528KH

Proposal causes no interference

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## Analysis of Interference to Affected Station 9

## DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
57	WHTM-DT	HARRISBURG PA	DTVPLN -DTVP1542

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
57	WLNY-DT	RIVERHEAD NY	346.5	PLN	DTVPLN -DTVP1540
57	WTOV-DT	STEUBENVILLE OH	292.5	PLN	DTVPLN -DTVP1541
57	WNVC-DT	FAIRFAX VA	161.9	PLN	DTVPLN -DTVP1544
58	W GAL-DT	LANCASTER PA	42.1	PLN	DTVPLN -DTVP1560
57	WGBYTV	SPRINGFIELD MA	418.2	PLN	DTVPLN -NPLN0693
58	WNJB	NEW BRUNSWICK NJ	209.6	PLN	DTVPLN -NPLN1093
57	NEW	WAVERLY NY	194.4	PLN	DTVPLN -NPLN1189
56	WWLF	HAZLETON PA	108.4	PLN	DTVPLN -NPLN1294
57	WPSG	PHILADELPHIA PA	148.7	PLN	DTVPLN -NPLN1295
56	WNVC	FAIRFAX VA	161.9	PLN	DTVPLN -NPLN1595
57	WCVW	RICHMOND VA	316.6	PLN	DTVPLN -NPLN1697

Results for: 57A PA HARRISBURG                      DTVPLN        DTVP1542        PLN  
              HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	55715	827.5
lost to additional IX by ATV	319703	1719.3
lost to ATV IX only	359416	2293.7
lost to all IX	375418	2546.7

# NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
27	WHTMTV	HARRISBURG PA	DTVPLN	-NPLN1264

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	WLYH-DT	LANCASTER PA	41.6	PLN	DTVPLN	-DTVPO509
24	WATM-DT	ALTOONA PA	129.4	PLN	DTVPLN	-DTVPO548
25	WTVE-DT	READING PA	105.6	PLN	DTVPLN	-DTVPO580
26	KYW-DT	PHILADELPHIA PA	148.3	PLN	DTVPLN	-DTVPO612
27	WETA-DT	WASHINGTON DC	150.9	PLN	DTVPLN	-DTVPO629
27	WGTW-DT	BURLINGTON NJ	148.2	PLN	DTVPLN	-DTVPO639
27	WNYB-DT	JAMESTOWN NY	299.1	PLN	DTVPLN	-DTVPO641
27	WTBY-DT	POUGHKEEPSIE NY	292.7	PLN	DTVPLN	-DTVPO642
27	WFXV-DT	UTICA NY	327.3	PLN	DTVPLN	-DTVPO643
28	WFPT-DT	FREDERICK MD	118.0	PLN	DTVPLN	-DTVPO671
29	WMPB-DT	BALTIMORE MD	97.3	PLN	DTVPLN	-DTVPO703
29	WILF-DT	WILLIAMSPORT PA	99.3	PLN	DTVPLN	-DTVPO718
30	WGCB-DT	RED LION PA	55.3	PLN	DTVPLN	-DTVPO753
41	WHSW-DT	BALTIMORE MD	115.4	PLN	DTVPLN	-DTVPO1102
41	WVIA-DT	SCRANTON PA	132.4	PLN	DTVPLN	-DTVPO1110
20	WDCA	WASHINGTON DC	150.9	PLN	DTVPLN	-NPLN0241
26	WETATV	WASHINGTON DC	150.9	PLN	DTVPLN	-NPLN0253
24	WHSWTV	BALTIMORE MD	115.4	PLN	DTVPLN	-NPLN0647
25	WHAGTV	HAGERSTOWN MD	113.1	PLN	DTVPLN	-NPLN0763
31	WWPB	HAGERSTOWN MD	114.1	PLN	DTVPLN	-NPLN0772
27	WKBNTV	YOUNGSTOWN OH	322.1	PLN	DTVPLN	-NPLN1263
28	WBRETV	WILKES-BARRE PA	132.8	PLN	DTVPLN	-NPLN1365
42	WVPY	FRONT ROYAL VA	191.5	PLN	DTVPLN	-NPLN1587
27	WGNT	PORTSMOUTH VA	391.7	PLN	DTVPLN	-NPLN1657

Results for: 27N PA HARRISBURG                      DTVPLN        NPLN1264        PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1874912	18385.6
not affected by terrain losses	1670050	15557.6
lost to NTSC IX	17122	281.2
lost to additional IX by ATV	131911	1715.2
lost to all IX	149033	1996.4

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	WHTM-DT	HARRISBURG PA	BPCDT	-19991028ACF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
56	NEW	ARCADE NY	225.3	APP	BPRM	-20000717AEW
56	WOLF-TV	HAZLETON PA	132.6	CP MOD	BMPCT	-19971222KE
56	WNVC	FAIRFAX VA	161.9	CP	BPET	-19901116KE
57	WGBY-TV	SPRINGFIELD MA	418.1	CP MOD	BMPET	-19910624KF
57	WLNY-DT	RIVERHEAD NY	346.5	STA	BDSTA	-20020326ABM
57	WLNY-DT	RIVERHEAD NY	346.5	PLN	DTVPLN	-DTVP1540
57	WLNY	RIVERHEAD NY	346.5	CP MOD	BMPCDT	-20000501AAL
57	961213KF	WAVERLY NY	196.8	APP	BPET	-19961213KF
57	961213KE	WAVERLY NY	194.4	APP	BPET	-19961213KE
57	WTOV-DT	STEUBENVILLE OH	311.0	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	292.5	PLN	DTVPLN	-DTVP1541
57	WPSG	PHILADELPHIA PA	148.7	CP	BPCT	-19960628KI
57	WNVC-DT	FAIRFAX VA	161.9	PLN	DTVPLN	-DTVP1544
57	WCVW	RICHMOND VA	316.6	LIC	BLET	-19780828IU
58	WNJB	NEW BRUNSWICK NJ	209.6	LIC	BLET	-19860618KE
58	WGAL	LANCASTER PA	42.1	LIC	BLCDDT	-20010621ABF
58	WGAL-DT	LANCASTER PA	42.1	PLN	DTVPLN	-DTVP1560

Proposal causes no interference

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# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	WHTM-DT	HARRISBURG PA	DTVPLN	-DTVP1542

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
56	NEW	ARCADE NY	225.4	APP	BPRM	-20000717AEW
56	WOLF-TV	HAZLETON PA	132.6	CP MOD	BMPCT	-19971222KE
56	WNVC	FAIRFAX VA	161.9	CP	BPET	-19901116KE
57	WGBY-TV	SPRINGFIELD MA	418.2	CP MOD	BMPET	-19910624KF
57	WLNY-DT	RIVERHEAD NY	346.5	STA	BDSTA	-20020326ABM
57	WLNY-DT	RIVERHEAD NY	346.5	PLN	DTVPLN	-DTVP1540
57	WLNY	RIVERHEAD NY	346.5	CP MOD	BMPCDT	-20000501AAL
57	961213KF	WAVERLY NY	196.8	APP	BPET	-19961213KF
57	961213KE	WAVERLY NY	194.4	APP	BPET	-19961213KE
57	WTOV-DT	STEUBENVILLE OH	311.0	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	292.5	PLN	DTVPLN	-DTVP1541
57	WPSG	PHILADELPHIA PA	148.7	CP	BPCT	-19960628KI
57	WNVC-DT	FAIRFAX VA	161.9	PLN	DTVPLN	-DTVP1544
57	WCVW	RICHMOND VA	316.6	LIC	BLET	-19780828IU
58	WNJB	NEW BRUNSWICK NJ	209.6	LIC	BLET	-19860618KE
58	WGAL	LANCASTER PA	42.1	LIC	BLCDDT	-20010621ABF
58	WGAL-DT	LANCASTER PA	42.1	PLN	DTVPLN	-DTVP1560

Total scenarios = 6

Result key: 12  
Scenario 1 Affected station 10  
Before Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	298813	1566.6
lost to ATV IX only	343899	2189.2
lost to all IX	360722	2542.7

Potential Interferring Stations Included in above Scenario 1

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	298813	1562.6
lost to ATV IX only	343899	2181.2
lost to all IX	360722	2538.7

Potential Interferring Stations Included in above Scenario 1

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 13  
 Scenario 2 Affected station 10  
 Before Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	313782	1655.0
lost to ATV IX only	359435	2297.7
lost to all IX	375691	2631.1

Potential Interferring Stations Included in above Scenario 2

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 57A PA HARRISBURG                      DTVPLN      DTVP1542      PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	313782	1651.0
lost to ATV IX only	359435	2289.7
lost to all IX	375691	2627.1

Potential Interferring Stations Included in above Scenario      2

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key:              14  
 Scenario              3      Affected station              10  
 Before Analysis

Results for: 57A PA HARRISBURG                      DTVPLN      DTVP1542      PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	298813	1566.6
lost to ATV IX only	343899	2189.2
lost to all IX	360722	2542.7

Potential Interferring Stations Included in above Scenario      3

57N NY WAVERLY	BPET	19961213KF	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 57A PA HARRISBURG                      DTVPLN      DTVP1542      PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	298813	1562.6
lost to ATV IX only	343899	2181.2
lost to all IX	360722	2538.7

Potential Interferring Stations Included in above Scenario 3

57N NY WAVERLY	BPET	19961213KF	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 15  
 Scenario 4 Affected station 10  
 Before Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	313782	1655.0
lost to ATV IX only	359435	2297.7
lost to all IX	375691	2631.1

Potential Interferring Stations Included in above Scenario 4

57N NY WAVERLY	BPET	19961213KF	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	61909	976.1
lost to additional IX by ATV	313782	1651.0
lost to ATV IX only	359435	2289.7
lost to all IX	375691	2627.1

Potential Interferring Stations Included in above Scenario 4

57N NY WAVERLY	BPET	19961213KF	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP



57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 16  
 Scenario 5 Affected station 10  
 Before Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	67222	1036.4
lost to additional IX by ATV	298813	1566.6
lost to ATV IX only	343899	2189.2
lost to all IX	366035	2603.0

Potential Interferring Stations Included in above Scenario 5

57N NY WAVERLY	BPET	19961213KE	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN  
 HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	67222	1036.4
lost to additional IX by ATV	298813	1562.6
lost to ATV IX only	343899	2181.2
lost to all IX	366035	2599.0

Potential Interferring Stations Included in above Scenario 5

57N NY WAVERLY	BPET	19961213KE	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 17  
 Scenario 6 Affected station 10  
 Before Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN

HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	67222	1036.4
lost to additional IX by ATV	313782	1655.0
lost to ATV IX only	359435	2297.7
lost to all IX	381004	2691.4

Potential Interferring Stations Included in above Scenario 6

57N NY WAVERLY	BPET	19961213KE	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 57A PA HARRISBURG DTVPLN DTVP1542 PLN

HAAT 346.0 m, ATV ERP 116.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1883025	18413.7
not affected by terrain losses	1685516	15794.6
lost to NTSC IX	67222	1036.4
lost to additional IX by ATV	313782	1651.0
lost to ATV IX only	359435	2289.7
lost to all IX	381004	2687.3

Potential Interferring Stations Included in above Scenario 6

57N NY WAVERLY	BPET	19961213KE	APP
57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A NY RIVERHEAD	BMPCDT	20000501AAL	CP
57A VA FAIRFAX	DTVPLN	DTVP1544	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

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#### Analysis of Interference to Affected Station 11

##### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
57	WNVC-DT	FAIRFAX VA	DTVPLN -DTVP1544

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
56	WCPB-DT	SALISBURY MD	151.7	PLN	DTVPLN -DTVP1511
57	WLFL-DT	RALEIGH NC	378.4	PLN	DTVPLN -DTVP1537
57	WTOV-DT	STEUBENVILLE OH	316.0	PLN	DTVPLN -DTVP1541

57	WHTM-DT	HARRISBURG PA	161.9	PLN	DTVPLN	-DTVP1542
58	WGAL-DT	LANCASTER PA	139.0	PLN	DTVPLN	-DTVP1560
57	NEW	WAVERLY NY	356.3	PLN	DTVPLN	-NPLN1189
57	WPSG	PHILADELPHIA PA	214.0	PLN	DTVPLN	-NPLN1295
56	WNVC	FAIRFAX VA	0.0	PLN	DTVPLN	-NPLN1595
57	WCVW	RICHMOND VA	154.9	PLN	DTVPLN	-NPLN1697

Results for: 57A VA FAIRFAX                      DTVPLN      DTVP1544      PLN  
 HAAT 215.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4411950	12261.1
not affected by terrain losses	4393542	12084.9
lost to NTSC IX	12698	212.2
lost to additional IX by ATV	10223	120.1
lost to ATV IX only	14711	188.2
lost to all IX	22921	332.4

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
56	WNVC	FAIRFAX VA	DTVPLN	-NPLN1595

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WRC-DT	WASHINGTON DC	14.3	PLN	DTVPLN	-DTVP1318
49	WHSV-DT	HARRISONBURG VA	125.9	PLN	DTVPLN	-DTVP1365
52	WMAR-DT	BALTIMORE MD	71.1	PLN	DTVPLN	-DTVP1440
53	WMDT-DT	SALISBURY MD	135.5	PLN	DTVPLN	-DTVP1459
55	WHAG-DT	HAGERSTOWN MD	108.2	PLN	DTVPLN	-DTVP1497
56	WCPB-DT	SALISBURY MD	151.7	PLN	DTVPLN	-DTVP1511
56	WCBS-DT	NEW YORK NY	341.8	PLN	DTVPLN	-DTVP1517
56	WSET-DT	LYNCHBURG VA	273.0	PLN	DTVPLN	-DTVP1523
57	WHTM-DT	HARRISBURG PA	161.9	PLN	DTVPLN	-DTVP1542
57	WNVC-DT	FAIRFAX VA	0.0	PLN	DTVPLN	-DTVP1544
58	WGAL-DT	LANCASTER PA	139.0	PLN	DTVPLN	-DTVP1560
59	WBAL-DT	BALTIMORE MD	71.1	PLN	DTVPLN	-DTVP1575
64	WDPB	SEAFORD DE	141.8	PLN	DTVPLN	-NPLN0294
54	WNUVTV	BALTIMORE MD	60.8	PLN	DTVPLN	-NPLN0689
56	WWLF	HAZLETON PA	259.2	PLN	DTVPLN	-NPLN1294
49	WGCBTV	RED LION PA	127.1	PLN	DTVPLN	-NPLN1385
53	WNVT	GOLDVEIN VA	33.1	PLN	DTVPLN	-NPLN1592
57	WCVW	RICHMOND VA	154.9	PLN	DTVPLN	-NPLN1697
60	WSHE	MARTINSBURG WV	97.2	PLN	DTVPLN	-NPLN1750

Results for: 56N VA FAIRFAX                      DTVPLN      NPLN1595      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	4411950	12261.1
not affected by terrain losses	4381450	11840.6
lost to NTSC IX	309963	772.8
lost to additional IX by ATV	88304	472.5
lost to all IX	398267	1245.3

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	WNVC-DT	FAIRFAX VA	DTVPLN	-DTVP1544

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
56	WCPB-DT	SALISBURY MD	151.7	CP	BPEDT	-20000501AGK
56	WCPB-DT	SALISBURY MD	151.7	PLN	DTVPLN	-DTVP1511
56	WNVC	FAIRFAX VA	0.0	CP	BPET	-19901116KE
57	WLFL-DT	RALEIGH NC	373.9	CP MOD	BMPCDT	-19991021AAO
57	WLFL-DT	RALEIGH NC	378.4	PLN	DTVPLN	-DTVP1537
57	961213KF	WAVERLY NY	358.6	APP	BPET	-19961213KF
57	961213KE	WAVERLY NY	356.3	APP	BPET	-19961213KE
57	WTOV-DT	STEUBENVILLE OH	333.5	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	316.0	PLN	DTVPLN	-DTVP1541
57	WHTM-DT	HARRISBURG PA	161.9	APP	BPCDT	-19991028ACF
57	WHTM-DT	HARRISBURG PA	161.9	PLN	DTVPLN	-DTVP1542
57	WPSG	PHILADELPHIA PA	214.0	CP	BPCT	-19960628KI
57	WCVW	RICHMOND VA	154.9	LIC	BLET	-19780828IU
58	WGAL	LANCASTER PA	139.0	LIC	BLCDT	-20010621ABF
58	WGAL-DT	LANCASTER PA	139.0	PLN	DTVPLN	-DTVP1560

Total scenarios = 2

Result key: 18  
Scenario 1 Affected station 11  
Before Analysis

Results for: 57A VA FAIRFAX DTVPLN DTVP1544 PLN  
HAAT 215.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4411950	12261.1
not affected by terrain losses	4393542	12084.9
lost to NTSC IX	8728	196.2
lost to additional IX by ATV	10223	120.1
lost to ATV IX only	14711	188.2
lost to all IX	18951	316.3

Potential Interfering Stations Included in above Scenario 1

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A PA HARRISBURG	DTVPLN	DTVP1542	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 57A VA FAIRFAX DTVPLN DTVP1544 PLN  
HAAT 215.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4411950	12261.1
not affected by terrain losses	4393542	12084.9
lost to NTSC IX	8728	196.2
lost to additional IX by ATV	10223	120.1
lost to ATV IX only	14711	188.2
lost to all IX	18951	316.3

Potential Interfering Stations Included in above Scenario 1

57N PA PHILADELPHIA	BPCT	19960628KI	CP
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57N VA RICHMOND	BLET	19780828IU	LIC
57A PA HARRISBURG	DTVPLN	DTVP1542	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 19  
 Scenario 2 Affected station 11  
 Before Analysis

Results for: 57A VA FAIRFAX DTVPLN DTVP1544 PLN  
 HAAT 215.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4411950	12261.1
not affected by terrain losses	4393542	12084.9
lost to NTSC IX	8728	196.2
lost to additional IX by ATV	15300	168.2
lost to ATV IX only	21343	292.3
lost to all IX	24028	364.4

Potential Interfering Stations Included in above Scenario 2

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A PA HARRISBURG	BPCDT	19991028ACF	APP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 57A VA FAIRFAX DTVPLN DTVP1544 PLN  
 HAAT 215.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4411950	12261.1
not affected by terrain losses	4393542	12084.9
lost to NTSC IX	8728	196.2
lost to additional IX by ATV	15300	168.2
lost to ATV IX only	21343	292.3
lost to all IX	24028	364.4

Potential Interfering Stations Included in above Scenario 2

57N PA PHILADELPHIA	BPCT	19960628KI	CP
57N VA RICHMOND	BLET	19780828IU	LIC
57A PA HARRISBURG	BPCDT	19991028ACF	APP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

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Analysis of Interference to Affected Station 12

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
58	WJET-DT	ERIE PA	DTVPLN -DTVP1559

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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57	WTOV-DT	STEUBENVILLE OH	193.4	PLN	DTVPLN	-DTVP1541
58	WJBK-DT	DETROIT MI	262.9	PLN	DTVPLN	-DTVP1552
58	WHEC-DT	ROCHESTER NY	237.0	PLN	DTVPLN	-DTVP1556
58	WGAL-DT	LANCASTER PA	365.1	PLN	DTVPLN	-DTVP1560
58	WDTV-DT	WESTON WV	331.0	PLN	DTVPLN	-DTVP1565
59	WAKC-DT	AKRON OH	166.2	PLN	DTVPLN	-DTVP1582

Results for: 58A PA ERIE                      DTVPLN      DTVP1559      PLN  
 HAAT 290.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	489911	14041.7
not affected by terrain losses	466497	13545.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2046	92.1
lost to ATV IX only	2046	92.1
lost to all IX	2046	92.1

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	WJETT	ERIE PA	DTVPLN	-NPLN1259

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WSEE-DT	ERIE PA	0.5	PLN	DTVPLN	-DTVP0228
20	WFMJ-DT	YOUNGSTOWN OH	116.9	PLN	DTVPLN	-DTVP0393
22	WFXP-DT	ERIE PA	0.3	PLN	DTVPLN	-DTVP0474
24	WSFJ-DT	NEWARK OH	304.3	PLN	DTVPLN	-DTVP0546
24	WATM-DT	ALTOONA PA	212.5	PLN	DTVPLN	-DTVP0548
25	KDKA-DT	PITTSBURGH PA	171.9	PLN	DTVPLN	-DTVP0579
27	WNYB-DT	JAMESTOWN NY	79.5	PLN	DTVPLN	-DTVP0641
38	WKBW-DT	BUFFALO NY	136.3	PLN	DTVPLN	-DTVP1003
39	WIVB-DT	BUFFALO NY	137.1	PLN	DTVPLN	-DTVP1040
17	WNEDTV	BUFFALO NY	144.7	PLN	DTVPLN	-NPLN1055
17	WDLI	CANTON OH	166.1	PLN	DTVPLN	-NPLN1134
21	WFMJTV	YOUNGSTOWN OH	116.9	PLN	DTVPLN	-NPLN1142
23	WNEQTV	BUFFALO NY	144.7	PLN	DTVPLN	-NPLN1144
23	WAKCTV	AKRON OH	166.2	PLN	DTVPLN	-NPLN1145
24	WCNYTV	SYRACUSE NY	346.4	PLN	DTVPLN	-NPLN1146
24	WNWOTV	TOLEDO OH	275.3	PLN	DTVPLN	-NPLN1147
25	WVIZ	CLEVELAND OH	159.0	PLN	DTVPLN	-NPLN1149
26	WNYB	JAMESTOWN NY	79.5	PLN	DTVPLN	-NPLN1150
27	WKBNTV	YOUNGSTOWN OH	119.2	PLN	DTVPLN	-NPLN1263
24	WNPBT	MORGANTOWN WV	261.8	PLN	DTVPLN	-NPLN1736

Results for: 24N PA ERIE                      DTVPLN      NPLN1259      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	489911	14041.7
not affected by terrain losses	466083	13537.2
lost to NTSC IX	9692	216.2
lost to additional IX by ATV	0	0.0
lost to all IX	9692	216.2

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
58	WJET-DT	ERIE PA	DTVPLN	-DTVP1559

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
57	WTOV-DT	STEUBENVILLE OH	194.2	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	193.4	PLN	DTVPLN	-DTVP1541
58	960920WC	ANN ARBOR MI	294.2	APP	BPET	-19960920WC
58	WJBK-DT	DETROIT MI	262.9	PLN	DTVPLN	-DTVP1552
58	WHEC-DT	ROCHESTER NY	237.0	CP	BPCDT	-19991027ACQ
58	WHEC-DT	ROCHESTER NY	237.0	PLN	DTVPLN	-DTVP1556
58	WGAL	LANCASTER PA	365.1	LIC	BLCDT	-20010621ABF
58	WGAL-DT	LANCASTER PA	365.1	PLN	DTVPLN	-DTVP1560
58	WDTV-DT	WESTON WV	331.0	PLN	DTVPLN	-DTVP1565
59	WVPX	AKRON OH	166.2	APP	BPCDT	-19990128KN
59	WAKC-DT	AKRON OH	166.2	PLN	DTVPLN	-DTVP1582

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 13

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
58	WJET-DT	ERIE PA	BMPCDT	-20000501AEK

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
57	WTOV-DT	STEUBENVILLE OH	194.3	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	193.4	PLN	DTVPLN	-DTVP1541
58	960920WC	ANN ARBOR MI	294.1	APP	BPET	-19960920WC
58	WJBK-DT	DETROIT MI	262.9	PLN	DTVPLN	-DTVP1552
58	WHEC-DT	ROCHESTER NY	237.0	CP	BPCDT	-19991027ACQ
58	WHEC-DT	ROCHESTER NY	237.0	PLN	DTVPLN	-DTVP1556
58	WGAL	LANCASTER PA	365.2	LIC	BLCDT	-20010621ABF
58	WGAL-DT	LANCASTER PA	365.2	PLN	DTVPLN	-DTVP1560
58	WDTV-DT	WESTON WV	331.0	PLN	DTVPLN	-DTVP1565
59	WVPX	AKRON OH	166.2	APP	BPCDT	-19990128KN
59	WAKC-DT	AKRON OH	166.2	PLN	DTVPLN	-DTVP1582

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 14

### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
58	WDTV-DT	WESTON WV	DTVPLN	-DTVP1565

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
57	WTOV-DT	STEUBENVILLE OH	138.3	PLN	DTVPLN	-DTVP1541
58	WPTD-DT	DAYTON OH	336.3	PLN	DTVPLN	-DTVP1557
58	WJET-DT	ERIE PA	331.0	PLN	DTVPLN	-DTVP1559
58	WGAL-DT	LANCASTER PA	343.1	PLN	DTVPLN	-DTVP1560
58	WJHL-DT	JOHNSON CITY TN	330.0	PLN	DTVPLN	-DTVP1562
58	WTKR-DT	NORFOLK VA	428.1	PLN	DTVPLN	-DTVP1564
58	WUNGT	CONCORD NC	413.3	PLN	DTVPLN	-NPLN0996
59	WVSX	LEWISBURG WV	146.7	PLN	DTVPLN	-NPLN1749

Results for: 58A WV WESTON                      DTVPLN      DTVP1565      PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6001	243.5
lost to ATV IX only	6001	243.5
lost to all IX	6001	243.5

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	WDTV	WESTON WV	DTVPLN	-NPLN1706

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WLMB-DT	TOLEDO OH	424.9	PLN	DTVPLN	-DTVP0020
05	WTTG	WASHINGTON DC	288.9	PLN	DTVPLN	-NPLN0212
05	WRALT	RALEIGH NC	412.8	PLN	DTVPLN	-NPLN0914
05	WLWT	CINCINNATI OH	353.4	PLN	DTVPLN	-NPLN1111
05	WEWST	CLEVELAND OH	278.2	PLN	DTVPLN	-NPLN1112
06	WJACT	JOHNSTOWN PA	189.7	PLN	DTVPLN	-NPLN1215
05	WCYBT	BRISTOL VA	327.1	PLN	DTVPLN	-NPLN1515
06	WVVA	BLUEFIELD WV	212.7	PLN	DTVPLN	-NPLN1710
05	WLMB-DT	TOLEDO OH	424.9	PLN	DTVPLN	-DTVP0020

Results for: 5N WV WESTON                      DTVPLN      NPLN1706      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	598882	29023.3
lost to NTSC IX	82840	3153.4
lost to additional IX by ATV	0	0.0
lost to all IX	82840	3153.4

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
58	WDTV-DT	WESTON WV	DTVPLN	-DTVP1565

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
57	WTOV-DT	STEUBENVILLE OH	142.0	APP	BMPCDT	-20020408AAK
57	WTOV-DT	STEUBENVILLE OH	138.3	PLN	DTVPLN	-DTVP1541
58	WUNG-TV	CONCORD NC	413.3	LIC	BLET	-19921125KF
58	WPTD-DT	DAYTON OH	336.3	CP	BPEDT	-20000322AAC



58	WPTD-DT	DAYTON OH	336.3	PLN	DTVPLN	-DTVP1557
58	WJET-DT	ERIE PA	331.0	PLN	DTVPLN	-DTVP1559
58	WJET-DT	ERIE PA	331.0	APP	BMPCDT	-20000501AEK
58	WGAL	LANCASTER PA	343.1	LIC	BLCDDT	-20010621ABF
58	WGAL-DT	LANCASTER PA	343.1	PLN	DTVPLN	-DTVP1560
58	WJHL-DT	JOHNSON CITY TN	330.0	STA	BDSTA	-20020129ABZ
58	WJHL-DT	JOHNSON CITY TN	330.0	PLN	DTVPLN	-DTVP1562
58	WJHL-DT	JOHNSON CITY TN	330.0	CP	BPCDDT	-19991025ADN
58	WTKR-DT	NORFOLK VA	428.1	PLN	DTVPLN	-DTVP1564
59	WVSX	LEWISBURG WV	146.7	CP MOD	BMPCT	-19960111LI

Total scenarios = 16

Result key: 20  
Scenario 1 Affected station 14  
Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6390	275.4
lost to ATV IX only	6390	275.4
lost to all IX	6390	275.4

Potential Interferring Stations Included in above Scenario 1

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4759	227.5
lost to ATV IX only	4759	227.5
lost to all IX	4759	227.5

Potential Interferring Stations Included in above Scenario 1

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 21

Scenario 2 Affected station 14  
Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6390	279.4
lost to ATV IX only	6390	279.4
lost to all IX	6390	279.4

Potential Interferring Stations Included in above Scenario 2

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4759	231.5
lost to ATV IX only	4759	231.5
lost to all IX	4759	231.5

Potential Interferring Stations Included in above Scenario 2

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 22  
Scenario 3 Affected station 14  
Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6390	259.5
lost to ATV IX only	6390	259.5
lost to all IX	6390	259.5

Potential Interferring Stations Included in above Scenario 3

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4759	211.6	
lost to ATV IX only	4759	211.6	
lost to all IX	4759	211.6	

Potential Interferring Stations Included in above Scenario 3

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 23  
 Scenario 4 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	6390	263.4	
lost to ATV IX only	6390	263.4	
lost to all IX	6390	263.4	

Potential Interferring Stations Included in above Scenario 4

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4759	215.5	

lost to ATV IX only	4759	215.5
lost to all IX	4759	215.5

Potential Interferring Stations Included in above Scenario 4

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 24  
 Scenario 5 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6001	259.5
lost to ATV IX only	6001	259.5
lost to all IX	6001	259.5

Potential Interferring Stations Included in above Scenario 5

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4370	211.6
lost to ATV IX only	4370	211.6
lost to all IX	4370	211.6

Potential Interferring Stations Included in above Scenario 5

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 25  
 Scenario 6 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6001	263.4
lost to ATV IX only	6001	263.4
lost to all IX	6001	263.4

Potential Interferring Stations Included in above Scenario 6

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4370	215.5
lost to ATV IX only	4370	215.5
lost to all IX	4370	215.5

Potential Interferring Stations Included in above Scenario 6

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDDT	20020408AAK	APP

Result key: 26  
 Scenario 7 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6001	243.5
lost to ATV IX only	6001	243.5
lost to all IX	6001	243.5

Potential Interferring Stations Included in above Scenario 7

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN

58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 58A WV WESTON                      DTVPLN      DTVP1565      PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4370	195.6
lost to ATV IX only	4370	195.6
lost to all IX	4370	195.6

Potential Interferring Stations Included in above Scenario      7

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key:              27  
 Scenario              8      Affected station              14  
 Before Analysis

Results for: 58A WV WESTON                      DTVPLN      DTVP1565      PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6001	247.5
lost to ATV IX only	6001	247.5
lost to all IX	6001	247.5

Potential Interferring Stations Included in above Scenario      8

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

#### After Analysis

Results for: 58A WV WESTON                      DTVPLN      DTVP1565      PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4370	199.6
lost to ATV IX only	4370	199.6
lost to all IX	4370	199.6

Potential Interfering Stations Included in above Scenario 8

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	DTVPLN	DTVP1559	PLN
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 28  
 Scenario 9 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7492	315.3
lost to ATV IX only	7492	315.3
lost to all IX	7492	315.3

Potential Interfering Stations Included in above Scenario 9

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5843	283.4
lost to ATV IX only	5843	283.4
lost to all IX	5843	283.4

Potential Interfering Stations Included in above Scenario 9

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 29  
 Scenario 10 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
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within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7492	319.3
lost to ATV IX only	7492	319.3
lost to all IX	7492	319.3

Potential Interferring Stations Included in above Scenario 10

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5843	287.4
lost to ATV IX only	5843	287.4
lost to all IX	5843	287.4

Potential Interferring Stations Included in above Scenario 10

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 30  
 Scenario 11 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7492	299.4
lost to ATV IX only	7492	299.4
lost to all IX	7492	299.4

Potential Interferring Stations Included in above Scenario 11

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN



After Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	5843	267.4	
lost to ATV IX only	5843	267.4	
lost to all IX	5843	267.4	

Potential Interferring Stations Included in above Scenario 11

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 31  
 Scenario 12 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	7492	303.4	
lost to ATV IX only	7492	303.4	
lost to all IX	7492	303.4	

Potential Interferring Stations Included in above Scenario 12

58A OH DAYTON	BPEDT	20000322AAC	CP
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	5843	271.4	
lost to ATV IX only	5843	271.4	
lost to all IX	5843	271.4	

Potential Interferring Stations Included in above Scenario 12

58A OH DAYTON	BPEDT	20000322AAC	CP
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58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 32  
 Scenario 13 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7103	299.4
lost to ATV IX only	7103	299.4
lost to all IX	7103	299.4

Potential Interferring Stations Included in above Scenario 13

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5454	267.4
lost to ATV IX only	5454	267.4
lost to all IX	5454	267.4

Potential Interferring Stations Included in above Scenario 13

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDDT	20010621ABF	LIC
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 33  
 Scenario 14 Affected station 14  
 Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
 HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0

lost to additional IX by ATV	7103	303.4
lost to ATV IX only	7103	303.4
lost to all IX	7103	303.4

Potential Interferring Stations Included in above Scenario 14

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	5454	271.4	
lost to ATV IX only	5454	271.4	
lost to all IX	5454	271.4	

Potential Interferring Stations Included in above Scenario 14

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	BLCDT	20010621ABF	LIC
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 34  
Scenario 15 Affected station 14  
Before Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
HAAT 268.0 m, ATV ERP 1000.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	712166	31921.2	
not affected by terrain losses	567131	27530.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	7103	283.4	
lost to ATV IX only	7103	283.4	
lost to all IX	7103	283.4	

Potential Interferring Stations Included in above Scenario 15

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON	DTVPLN	DTVP1565	PLN
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HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5454	251.5
lost to ATV IX only	5454	251.5
lost to all IX	5454	251.5

Potential Interferring Stations Included in above Scenario 15

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	DTVPLN	DTVP1562	PLN
57A OH STEUBENVILLE	BMPCDT	20020408AAK	APP

Result key: 35

Scenario 16 Affected station 14

Before Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7103	287.4
lost to ATV IX only	7103	287.4
lost to all IX	7103	287.4

Potential Interferring Stations Included in above Scenario 16

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP
57A OH STEUBENVILLE	DTVPLN	DTVP1541	PLN

After Analysis

Results for: 58A WV WESTON DTVPLN DTVP1565 PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	712166	31921.2
not affected by terrain losses	567131	27530.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5454	255.5
lost to ATV IX only	5454	255.5
lost to all IX	5454	255.5

Potential Interferring Stations Included in above Scenario 16

58A OH DAYTON	DTVPLN	DTVP1557	PLN
58A PA ERIE	BMPCDT	20000501AEK	APP
58A PA LANCASTER	DTVPLN	DTVP1560	PLN
58A TN JOHNSON CITY	BPCDT	19991025ADN	CP

57A OH STEUBENVILLE                      BMPCDT              20020408AAK    APP

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Analysis of Interference to Affected Station 15

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
57	WTOV-DT	STEUBENVILLE OH	DTVPLN	-DTVP1541

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
57	WILX-DT	ONONDAGA MI	420.3	PLN	DTVPLN	-DTVP1532
57	WHTM-DT	HARRISBURG PA	292.5	PLN	DTVPLN	-DTVP1542
57	WNVF-DT	FAIRFAX VA	316.0	PLN	DTVPLN	-DTVP1544
58	WJET-DT	ERIE PA	193.4	PLN	DTVPLN	-DTVP1559
58	WDTV-DT	WESTON WV	138.3	PLN	DTVPLN	-DTVP1565
57	WYMTTV	HAZARD KY	422.6	PLN	DTVPLN	-NPLN0692
57	NEW	WAVERLY NY	371.6	PLN	DTVPLN	-NPLN1189
57	WCVW	RICHMOND VA	394.8	PLN	DTVPLN	-NPLN1697

Results for: 57A OH STEUBENVILLE                      DTVPLN              DTVP1541              PLN  
HAAT 268.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3504941	27298.8
not affected by terrain losses	3370383	25664.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1746	64.3
lost to ATV IX only	1746	64.3
lost to all IX	1746	64.3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
09	WTOVTV	STEUBENVILLE OH	DTVPLN	-NPLN1122

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WWLF-DT	HAZLETON PA	372.5	PLN	DTVPLN	-DTVP0052
10	WOIO-DT	SHAKER HEIGHTS OH	161.1	PLN	DTVPLN	-DTVP0070
09	WUSA	WASHINGTON DC	322.5	PLN	DTVPLN	-NPLN0223
08	WJWTV	CLEVELAND OH	160.3	PLN	DTVPLN	-NPLN1119
09	WCPTV	CINCINNATI OH	374.5	PLN	DTVPLN	-NPLN1121
08	WWCPTV	JOHNSTOWN PA	107.2	PLN	DTVPLN	-NPLN1222
10	WTAJTV	ALTOONA PA	168.1	PLN	DTVPLN	-NPLN1229
09	WSWPTV	GRANDVIEW WV	274.0	PLN	DTVPLN	-NPLN1718

Results for: 9N OH STEUBENVILLE                      DTVPLN              NPLN1122              PLN  
POPULATION              AREA (sq km)

within Noise Limited Contour	3504941	27298.8
not affected by terrain losses	3252011	24556.1
lost to NTSC IX	284491	2505.8
lost to additional IX by ATV	0	0.0
lost to all IX	284491	2505.8

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	WTOV-DT	STEUBENVILLE OH	BMPCDT	-20020408AAK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
56	960920WG	COLUMBUS OH	208.6	APP	BPET	-19960920WG
56	NEW	NEW CASTLE PA	90.2	ADD	BPRM	-20000717AFN
57	WYMT-TV	HAZARD KY	414.3	LIC	BLCT	-19851219KF
57	WILX-DT	ONONDAGA MI	403.7	CP	BPCDT	-19991028ACS
57	WILX-DT	ONONDAGA MI	403.7	PLN	DTVPLN	-DTVP1532
57	961213KF	WAVERLY NY	392.7	APP	BPET	-19961213KF
57	961213KE	WAVERLY NY	386.0	APP	BPET	-19961213KE
57	WHTM-DT	HARRISBURG PA	311.0	APP	BPCDT	-19991028ACF
57	WHTM-DT	HARRISBURG PA	311.0	PLN	DTVPLN	-DTVP1542
57	WNVF-DT	FAIRFAX VA	333.5	PLN	DTVPLN	-DTVP1544
57	WCVW	RICHMOND VA	408.7	LIC	BLET	-19780828IU
58	WJET-DT	ERIE PA	194.2	PLN	DTVPLN	-DTVP1559
58	WJET-DT	ERIE PA	194.3	APP	BMPCDT	-20000501AEK
58	WDTV-DT	WESTON WV	142.0	PLN	DTVPLN	-DTVP1565

Total scenarios = 2

Result key: 36  
Scenario 1 Affected station 15  
Before Analysis

Results for: 57A OH STEUBENVILLE BMPCDT 20020408AAK APP  
HAAT 261.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3266700	24161.6
not affected by terrain losses	3127921	23150.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	123	24.1
lost to ATV IX only	123	24.1
lost to all IX	123	24.1

Potential Interferring Stations Included in above Scenario 1

58A WV WESTON DTVPLN DTVP1565 PLN

Result key: 37  
Scenario 2 Affected station 15  
Before Analysis

Results for: 57A OH STEUBENVILLE BMPCDT 20020408AAK APP  
HAAT 261.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3266700	24161.6
not affected by terrain losses	3127921	23150.2
lost to NTSC IX	4743	52.2
lost to additional IX by ATV	123	24.1
lost to ATV IX only	168	28.1
lost to all IX	4866	76.3

Potential Interferring Stations Included in above Scenario 2

56N PA NEW CASTLE	BPRM	20000717AFN	ADD
57A PA HARRISBURG	BPCDT	19991028ACF	APP
58A WV WESTON	DTVPLN	DTVP1565	PLN

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