

**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 1 of 32**

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-27-2004 Time: 09:45:47

Record Selected for Analysis

WJAC-DT USERRECORD-01 JOHNSTOWN PA US
Channel 34 ERP 1000. kW HAAT 386. m RCAMSL 00910 m
Latitude 040-22-17 Longitude 0078-58-56
Status APP Zone 1 Border
Dir Antenna Make CDB Model 00000000044931 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits
Channel 34 ERP = 1000.00 HAAT = 386.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	883.600	416.6	106.4
45.0	901.550	215.5	84.1
90.0	808.201	440.9	107.7
135.0	901.550	426.8	107.5
180.0	883.600	397.9	104.7
225.0	136.530	207.5	72.7
270.0	60.025	522.8	91.0
315.0	136.530	457.0	92.7

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



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Exhibit 41
Page 2 of 32

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
34	WJAC-DT	JOHNSTOWN PA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
31	WWPB	HAGERSTOWN, MD	117.6	LIC	BLET	-
19960828KE						
33	WHMM-DT	WASHINGTON DC	224.2	PLN	DTVPLN	-DTVP0895
33	WITF-TV	HARRISBURG PA	179.0	LIC	BMLET	-
19820217KH						
33	WNPB-DT	MORGANTOWN WV	100.2	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	226.8	PLN	DTVPLN	-DTVP0930
34	WIVT	BINGHAMTON NY	315.9	LIC	BLCT	-
19871110KV						
34	WNYO-DT	BUFFALO NY	271.5	PLN	DTVPLN	-DTVP0948
34	WQHS-DT	CLEVELAND OH	254.7	PLN	DTVPLN	-DTVP0951
34	WOSU-TV	COLUMBUS OH	335.0	LIC	BMLET	-
19851106KE						
34	WYBE-DT	PHILADELPHIA PA	319.9	PLN	DTVPLN	-DTVP0953
34	WPBY-DT	HUNTINGTON WV	346.2	PLN	DTVPLN	-DTVP0961
35	WDCA-DT	WASHINGTON DC	224.2	PLN	DTVPLN	-DTVP0968
35	WOUC-DT	CAMBRIDGE OH	198.1	PLN	DTVPLN	-DTVP0987
36	WGPT	OAKLAND MD	110.8	LIC	BLET	-
19940415KE						

[illegible]

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WWPB	HAGERSTOWN, MD	BLET	-19960828KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WUTB	BALTIMORE MD	111.4	LIC	BLCT	-
19860103KG						
24	WATM-DT	ALTOONA PA	109.6	PLN	DTVPLN	-DTV0582



**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 3 of 32**

24	WNPB-TV	MORGANTOWN WV	153.4	LIC	BLET	-
19930824KG						
27	WETA-DT	WASHINGTON DC	106.7	PLN	DTVPLN	-DTVP0667
28	WFPT-DT	FREDERICK MD	66.6	PLN	DTVPLN	-DTVP0713
29	WMPB-DT	BALTIMORE MD	104.7	PLN	DTVPLN	-DTVP0747
29	WWCP-DT	JOHNSTOWN PA	116.6	PLN	DTVPLN	-DTVP0761
30	WTWB-DT	JOHNSTOWN PA	117.4	PLN	DTVPLN	-DTVP0799
30	WGCB-DT	RED LION PA	121.8	PLN	DTVPLN	-DTVP0800
30	WNVN-DT	GOLDVEIN VA	122.6	PLN	DTVPLN	-DTVP0806
31	WTGI-DT	WILMINGTON DE	228.7	PLN	DTVPLN	-DTVP0815
31	WPXN-TV	NEW YORK NY	356.1	LIC	BLCT	-
19860703KH						
31	WUHF	ROCHESTER NY	388.6	CP	BPCT	-
19960711KQ						
31	WJW-DT	CLEVELAND OH	369.3	PLN	DTVPLN	-DTVP0835
31	WOLF-DT	SCRANTON PA	274.2	PLN	DTVPLN	-DTVP0838
31	WAVY-DT	PORTSMOUTH VA	339.4	PLN	DTVPLN	-DTVP0846
32	WHUT-TV	WASHINGTON DC	106.7	LIC	BLET	-
19801107KE						
32	WTAJ-DT	ALTOONA PA	109.4	PLN	DTVPLN	-DTVP0876
32	WVIR-DT	CHARLOTTESVILLE VA	190.6	PLN	DTVPLN	-DTVP0885
33	WHMM-DT	WASHINGTON DC	106.7	PLN	DTVPLN	-DTVP0895
33	WITF-TV	HARRISBURG PA	121.5	LIC	BMLET	-
19820217KH						
34	WUSA-DT	WASHINGTON DC	109.3	PLN	DTVPLN	-DTVP0930
34	WJAC-DT	JOHNSTOWN PA	117.6	PLN	DTVPLN	-DTVP0952
35	WDCA-DT	WASHINGTON DC	106.7	PLN	DTVPLN	-DTVP0968
38	WJZ-DT	BALTIMORE MD	118.6	PLN	DTVPLN	-DTVP1048
39	WJLA-DT	WASHINGTON DC	109.3	PLN	DTVPLN	-DTVP1082
45	WBFF	BALTIMORE MD	118.6	LIC	BLCT	-
19890526KF						
46	WBFF-DT	BALTIMORE MD	118.6	PLN	DTVPLN	-DTVP1329
46	WKBS-DT	ALTOONA PA	109.7	PLN	DTVPLN	-DTVP1340
46	WVFX	CLARKSBURG WV	207.3	LIC	BLCT	-
19810824KE						
34	WJAC-DT	JOHNSTOWN PA	117.6	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
33	WHMM-DT	WASHINGTON DC	DTVPLN	-DTVP0895

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
32	WHMM	WASHINGTON DC	0.0	PLN	DTVPLN	-NPLN1423
32	WTAJ-DT	ALTOONA PA	211.7	PLN	DTVPLN	-DTVP0876
32	WPSG-DT	PHILADELPHIA PA	199.9	PLN	DTVPLN	-DTVP0877
32	WVIR-DT	CHARLOTTESVILLE VA	161.9	PLN	DTVPLN	-DTVP0885



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 4 of 32**

33	WUPN-DT	GREENSBORO NC	420.1	PLN	DTVPLN	-DTVP0908
33	WPIX-DT	NEW YORK NY	327.6	PLN	DTVPLN	-DTVP0911
33	WYTV	YOUNGSTOWN OH	380.4	PLN	DTVPLN	-NPLN1456
33	WITFTV	HARRISBURG PA	155.0	PLN	DTVPLN	-NPLN1457
33	WTVZ	NORFOLK VA	245.2	PLN	DTVPLN	-NPLN1460
33	WNPB-DT	MORGANTOWN WV	242.5	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0930
34	WJAC-DT	JOHNSTOWN PA	224.3	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	199.8	PLN	DTVPLN	-DTVP0953

Results for: 33A DC WASHINGTON DTVPLN DTVP0895 PLN
HAAT 213.0 m, ATV ERP 194.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5850574	15138.5
not affected by terrain losses	5842158	14930.3
lost to NTSC IX	79072	472.3
lost to additional IX by ATV	174683	564.4
lost to ATV IX only	198076	740.5
lost to all IX	253755	1036.7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
32	WHMM	WASHINGTON DC	DTVPLN	-NPLN1423

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
24	WHSWTV	BALTIMORE MD	46.7	PLN	DTVPLN	-NPLN1212
25	WHAGTV	HAGERSTOWN MD	107.1	PLN	DTVPLN	-NPLN1248
28	WFPT-DT	FREDERICK MD	42.5	PLN	DTVPLN	-DTVP0713
29	WMPB-DT	BALTIMORE MD	61.0	PLN	DTVPLN	-DTVP0747
30	WGBB-DT	RED LION PA	113.8	PLN	DTVPLN	-DTVP0800
30	WNVT-DT	GOLDVEIN VA	47.2	PLN	DTVPLN	-DTVP0806
31	WTGI-DT	WILMINGTON DE	175.3	PLN	DTVPLN	-DTVP0815
31	WWPB	HAGERSTOWN MD	106.7	PLN	DTVPLN	-NPLN1408
32	WITN-DT	WASHINGTON NC	400.8	PLN	DTVPLN	-DTVP0869
32	WUNL-DT	WINSTON-SALEM NC	406.5	PLN	DTVPLN	-DTVP0870
32	WTAJ-DT	ALTOONA PA	211.7	PLN	DTVPLN	-DTVP0876
32	WPSG-DT	PHILADELPHIA PA	199.9	PLN	DTVPLN	-DTVP0877
32	WSWB-DT	SCRANTON PA	298.7	PLN	DTVPLN	-DTVP0878
32	WVIR-DT	CHARLOTTESVILLE VA	161.9	PLN	DTVPLN	-DTVP0885
32	WTRF-DT	WHEELING WV	335.7	PLN	DTVPLN	-DTVP0890
33	WHMM-DT	WASHINGTON DC	0.0	PLN	DTVPLN	-DTVP0895
33	WITFTV	HARRISBURG PA	155.0	PLN	DTVPLN	-NPLN1457
34	WUSA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0930
35	WDCA-DT	WASHINGTON DC	0.0	PLN	DTVPLN	-DTVP0968
36	WTTG-DT	WASHINGTON DC	2.1	PLN	DTVPLN	-DTVP1006
39	WJLA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP1082
40	WNUV-DT	BALTIMORE MD	46.7	PLN	DTVPLN	-DTVP1128
46	WBFF-DT	BALTIMORE MD	57.0	PLN	DTVPLN	-DTVP1329
47	WMDT	SALISBURY MD	129.3	PLN	DTVPLN	-NPLN1717
47	WKBSTV	ALTOONA PA	211.9	PLN	DTVPLN	-NPLN1723
47	WPMT-DT	YORK PA	125.9	PLN	DTVPLN	-DTVP1370
47	WAWB-DT	ASHLAND VA	136.4	PLN	DTVPLN	-DTVP1378



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 5 of 32**

Results for: 32N DC WASHINGTON	DTVPLN	NPLN1423	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5850821	15142.5	
not affected by terrain losses	5837212	14830.2	
lost to NTSC IX	60325	520.4	
lost to additional IX by ATV	136533	1505.0	
lost to all IX	196858	2025.4	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WHMM-DT	WASHINGTON DC	DTVPLN	-DTVP0895

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
32	WHUT-TV	WASHINGTON DC	0.0	LIC	BLET	-
19801107KE						
32	WTAJ-DT	ALTOONA PA	211.7	PLN	DTVPLN	-DTVP0876
32	WPSG-DT	PHILADELPHIA PA	199.9	PLN	DTVPLN	-DTVP0877
32	WVIR-DT	CHARLOTTESVILLE VA	161.9	PLN	DTVPLN	-DTVP0885
33	WUPN-DT	GREENSBORO NC	420.1	PLN	DTVPLN	-DTVP0908
33	WPIX-DT	NEW YORK NY	327.6	PLN	DTVPLN	-DTVP0911
33	WITF-TV	HARRISBURG PA	154.9	LIC	BMLET	-
19820217KH						
33	WNPB-DT	MORGANTOWN WV	242.5	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0930
34	WJAC-DT	JOHNSTOWN PA	224.3	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	199.8	PLN	DTVPLN	-DTVP0953
34	WJAC-DT	JOHNSTOWN PA	224.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
33	WITFTV	HARRISBURG PA	DTVPLN	-NPLN1457

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
25	WHAGTV	HAGERSTOWN MD	120.6	PLN	DTVPLN	-NPLN1248
25	WTVE-DT	READING PA	98.7	PLN	DTVPLN	-DTVP0615
26	WETATV	WASHINGTON DC	155.0	PLN	DTVPLN	-NPLN1269
29	WMPB-DT	BALTIMORE MD	99.8	PLN	DTVPLN	-DTVP0747
29	WILF-DT	WILLIAMSPORT PA	97.3	PLN	DTVPLN	-DTVP0762
30	WGCB-DT	RED LION PA	54.7	PLN	DTVPLN	-DTVP0800
31	WWPB	HAGERSTOWN MD	121.6	PLN	DTVPLN	-NPLN1408
32	WHMM	WASHINGTON DC	155.0	PLN	DTVPLN	-NPLN1423



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 6 of 32**

32	WTAJ-DT	ALTOONA PA	135.3	PLN	DTVPLN	-DTVP0876
32	WPSG-DT	PHILADELPHIA PA	142.6	PLN	DTVPLN	-DTVP0877
32	WSWB-DT	SCRANTON PA	154.6	PLN	DTVPLN	-DTVP0878
33	WFSB-DT	HARTFORD CT	375.7	PLN	DTVPLN	-DTVP0894
33	WHMM-DT	WASHINGTON DC	155.0	PLN	DTVPLN	-DTVP0895
33	WGRZ-DT	BUFFALO NY	299.0	PLN	DTVPLN	-DTVP0910
33	WPIX-DT	NEW YORK NY	244.6	PLN	DTVPLN	-DTVP0911
33	WFXV	UTICA NY	321.6	PLN	DTVPLN	-NPLN1455
33	WYTV	YOUNGSTOWN OH	327.2	PLN	DTVPLN	-NPLN1456
33	WTVZ	NORFOLK VA	394.4	PLN	DTVPLN	-NPLN1460
33	WNPB-DT	MORGANTOWN WV	256.7	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	156.2	PLN	DTVPLN	-DTVP0930
34	WMGCTV	BINGHAMTON NY	205.7	PLN	DTVPLN	-NPLN1477
34	WJAC-DT	JOHNSTOWN PA	179.1	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	142.4	PLN	DTVPLN	-DTVP0953
36	WITF-DT	HARRISBURG PA	0.0	PLN	DTVPLN	-DTVP1032
40	WNUV-DT	BALTIMORE MD	118.0	PLN	DTVPLN	-DTVP1128
40	WICZTV	BINGHAMTON NY	205.2	PLN	DTVPLN	-NPLN1591
41	WHSW-DT	BALTIMORE MD	118.0	PLN	DTVPLN	-DTVP1163
41	WVIA-DT	SCRANTON PA	125.2	PLN	DTVPLN	-DTVP1171
47	WKBSTV	ALTOONA PA	135.3	PLN	DTVPLN	-NPLN1723
47	WPMT-DT	YORK PA	42.1	PLN	DTVPLN	-DTVP1370
48	WGTW	BURLINGTON NJ	142.1	PLN	DTVPLN	-NPLN1735
48	WYDC	CORNING NY	202.4	PLN	DTVPLN	-NPLN1737

Results for: 33N PA HARRISBURG		DTVPLN	NPLN1457	PLN
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	2087239	20332.6	
	not affected by terrain losses	1818337	17075.7	
	lost to NTSC IX	14667	88.4	
	lost to additional IX by ATV	39388	670.7	
	lost to all IX	54055	759.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WITF-TV	HARRISBURG PA	BMLET	-19820217KH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
25	WHAG-TV	HAGERSTOWN MD	120.6	LIC	BLCT	-
19890327KJ						
25	WTVE-DT	READING PA	98.7	PLN	DTVPLN	-DTVP0615
26	WETA-TV	WASHINGTON DC	154.9	CP	BPET	-
19890111KE						
29	WMPB-DT	BALTIMORE MD	99.8	PLN	DTVPLN	-DTVP0747
29	WILF-DT	WILLIAMSPORT PA	97.3	PLN	DTVPLN	-DTVP0762
30	WGCB-DT	RED LION PA	54.6	PLN	DTVPLN	-DTVP0800
31	WWPB	HAGERSTOWN, MD	121.5	LIC	BLET	-
19960828KE						
32	WHUT-TV	WASHINGTON DC	154.9	LIC	BLET	-
19801107KE						
32	WTAJ-DT	ALTOONA PA	135.3	PLN	DTVPLN	-DTVP0876
32	WPSG-DT	PHILADELPHIA PA	142.7	PLN	DTVPLN	-DTVP0877
32	WSWB-DT	SCRANTON PA	154.6	PLN	DTVPLN	-DTVP0878



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 7 of 32**

33	WFSB-DT	HARTFORD CT	375.7	PLN	DTVPLN	-DTVP0894
33	WHMM-DT	WASHINGTON DC	154.9	PLN	DTVPLN	-DTVP0895
33	WGRZ-DT	BUFFALO NY	299.0	PLN	DTVPLN	-DTVP0910
33	WPIX-DT	NEW YORK NY	244.6	PLN	DTVPLN	-DTVP0911
33	WNPB-DT	MORGANTOWN WV	256.7	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	156.1	PLN	DTVPLN	-DTVP0930
34	WIVT	BINGHAMTON NY	205.8	LIC	BLCT	-
19871110KV						
34	WJAC-DT	JOHNSTOWN PA	179.1	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	142.5	PLN	DTVPLN	-DTVP0953
36	WITF-DT	HARRISBURG PA	0.0	PLN	DTVPLN	-DTVP1032
40	WNUV-DT	BALTIMORE MD	118.0	PLN	DTVPLN	-DTVP1128
40	WICZ-TV	BINGHAMTON NY	205.2	LIC	BLCT	-
19900206KG						
41	WHSW-DT	BALTIMORE MD	118.0	PLN	DTVPLN	-DTVP1163
41	WVIA-DT	SCRANTON PA	125.3	PLN	DTVPLN	-DTVP1171
47	WKBS-TV	ALTOONA PA	135.3	LIC	BLCT	-
19850925KE						
47	WPMT-DT	YORK PA	42.1	PLN	DTVPLN	-DTVP1370
48	WGTW	BURLINGTON NJ	142.1	LIC	BLCT	-
19920821KF						
48	WYDC	CORNING NY	202.4	LIC	BLCT	-
19940920KE						
34	WJAC-DT	JOHNSTOWN PA	179.0	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
33	WNPB-DT	MORGANTOWN WV	DTVPLN	-DTVP0923

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
32	WTAJ-DT	ALTOONA PA	148.2	PLN	DTVPLN	-DTVP0876
32	WVIR-DT	CHARLOTTESVILLE VA	220.3	PLN	DTVPLN	-DTVP0885
32	WTRF-DT	WHEELING WV	93.7	PLN	DTVPLN	-DTVP0890
33	WHMM-DT	WASHINGTON DC	242.5	PLN	DTVPLN	-DTVP0895
33	WUPN-DT	GREENSBORO NC	425.3	PLN	DTVPLN	-DTVP0908
33	WGRZ-DT	BUFFALO NY	350.6	PLN	DTVPLN	-DTVP0910
33	WSTR-DT	CINCINNATI OH	412.2	PLN	DTVPLN	-DTVP0912
33	WYTV	YOUNGSTOWN OH	168.9	PLN	DTVPLN	-NPLN1456
33	WITFTV	HARRISBURG PA	256.7	PLN	DTVPLN	-NPLN1457
33	WTVZ	NORFOLK VA	428.7	PLN	DTVPLN	-NPLN1460
33	WPBYTV	HUNTINGTON WV	249.1	PLN	DTVPLN	-NPLN1463
34	WJAC-DT	JOHNSTOWN PA	100.2	PLN	DTVPLN	-DTVP0952

Results for: 33A WV MORGANTOWN DTVPLN DTVP0923 PLN



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 8 of 32**

HAAT 457.0 m, ATV ERP 145.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1529146	23409.6
not affected by terrain losses	1388059	21029.0
lost to NTSC IX	69965	805.6
lost to additional IX by ATV	16296	633.2
lost to ATV IX only	41043	809.6
lost to all IX	86261	1438.8

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
24	WNPBTB	MORGANTOWN WV	DTVPLN	-NPLN1234

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
16	WQEX	PITTSBURGH PA	85.1	PLN	DTVPLN	-NPLN0963
17	WDLI	CANTON OH	181.6	PLN	DTVPLN	-NPLN0999
22	WPTTTV	PITTSBURGH PA	82.8	PLN	DTVPLN	-NPLN1153
23	WATMTV	ALTOONA PA	148.2	PLN	DTVPLN	-NPLN1189
24	WKPI-DT	PIKEVILLE KY	359.9	PLN	DTVPLN	-DTVP0569
24	WHSWTB	BALTIMORE MD	261.5	PLN	DTVPLN	-NPLN1212
24	WSFJ-DT	NEWARK OH	227.7	PLN	DTVPLN	-DTVP0580
24	WNWOTV	TOLEDO OH	373.8	PLN	DTVPLN	-NPLN1220
24	WATM-DT	ALTOONA PA	148.2	PLN	DTVPLN	-DTVP0582
24	WJETT	ERIE PA	261.8	PLN	DTVPLN	-NPLN1222
24	WDRLTV	DANVILLE VA	355.0	PLN	DTVPLN	-NPLN1230
24	WCVE-DT	RICHMOND VA	306.7	PLN	DTVPLN	-DTVP0588
25	WHAGTV	HAGERSTOWN MD	153.7	PLN	DTVPLN	-NPLN1248
25	KDKA-DT	PITTSBURGH PA	91.3	PLN	DTVPLN	-DTVP0614
26	WQEX-DT	PITTSBURGH PA	85.1	PLN	DTVPLN	-DTVP0651
28	WLYJ-DT	CLARKSBURG WV	66.4	PLN	DTVPLN	-DTVP0734
31	WWPB	HAGERSTOWN MD	153.4	PLN	DTVPLN	-NPLN1408
32	WTRF-DT	WHEELING WV	93.7	PLN	DTVPLN	-DTVP0890
38	WQED-DT	PITTSBURGH PA	85.1	PLN	DTVPLN	-DTVP1065

Results for: 24N WV MORGANTOWN DTVPLN NPLN1234 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1525380	23417.7
not affected by terrain losses	1345383	20335.7
lost to NTSC IX	91824	537.0
lost to additional IX by ATV	50810	493.0
lost to all IX	142634	1030.0

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	WNPB-DT	MORGANTOWN WV	DTVPLN	-DTVP0923

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
32	WTAJ-DT	ALTOONA PA	148.2	PLN	DTVPLN	-DTVP0876
32	WVIR-DT	CHARLOTTESVILLE VA	220.3	PLN	DTVPLN	-DTVP0885
32	WTRF-DT	WHEELING WV	93.7	PLN	DTVPLN	-DTVP0890



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 9 of 32**

33	WHMM-DT	WASHINGTON DC	242.5	PLN	DTVPLN	-DTVP0895
33	WUPN-DT	GREENSBORO NC	425.3	PLN	DTVPLN	-DTVP0908
33	WGRZ-DT	BUFFALO NY	350.6	PLN	DTVPLN	-DTVP0910
33	WSTR-DT	CINCINNATI OH	412.2	PLN	DTVPLN	-DTVP0912
33	WITF-TV	HARRISBURG PA	256.7	LIC	BMLET	-
19820217KH						
34	WJAC-DT	JOHNSTOWN PA	100.2	PLN	DTVPLN	-DTVP0952
34	WJAC-DT	JOHNSTOWN PA	100.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 4
Before Analysis

Results for: 33A WV MORGANTOWN DTVPLN DTVP0923 PLN
HAAT 457.0 m, ATV ERP 145.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1529146	23409.6
not affected by terrain losses	1388059	21029.0
lost to NTSC IX	6157	144.3
lost to additional IX by ATV	38074	781.5
lost to ATV IX only	41043	809.6
lost to all IX	44231	925.8

Potential Interfering Stations Included in above Scenario 1

33N PA HARRISBURG	BMLET	19820217KH	LIC
32A PA ALTOONA	DTVPLN	DTVP0876	PLN
32A WV WHEELING	DTVPLN	DTVP0890	PLN
33A DC WASHINGTON	DTVPLN	DTVP0895	PLN
33A NY BUFFALO	DTVPLN	DTVP0910	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 33A WV MORGANTOWN DTVPLN DTVP0923 PLN
HAAT 457.0 m, ATV ERP 145.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1529146	23409.6
not affected by terrain losses	1388059	21029.0
lost to NTSC IX	6157	144.3
lost to additional IX by ATV	30936	777.5
lost to ATV IX only	33905	805.6
lost to all IX	37093	921.8

Potential Interfering Stations Included in above Scenario 1

33N PA HARRISBURG	BMLET	19820217KH	LIC
32A PA ALTOONA	DTVPLN	DTVP0876	PLN
32A WV WHEELING	DTVPLN	DTVP0890	PLN
33A DC WASHINGTON	DTVPLN	DTVP0895	PLN
33A NY BUFFALO	DTVPLN	DTVP0910	PLN
34A PA JOHNSTOWN	USERRECORD01		APP



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 10 of 32**

#####

Analysis of Interference to Affected Station 5

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
34	WUSA-DT	WASHINGTON DC	DTVPLN -DTVP0930

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
33	WHMM-DT	WASHINGTON DC	2.6	PLN	DTVPLN -DTVP0895
33	WITFTV	HARRISBURG PA	156.2	PLN	DTVPLN -NPLN1457
34	WMGCTV	BINGHAMTON NY	358.8	PLN	DTVPLN -NPLN1477
34	WJAC-DT	JOHNSTOWN PA	226.9	PLN	DTVPLN -DTVP0952
34	WYBE-DT	PHILADELPHIA PA	199.0	PLN	DTVPLN -DTVP0953
35	WDCA-DT	WASHINGTON DC	2.6	PLN	DTVPLN -DTVP0968
35	WYBE	PHILADELPHIA PA	199.0	PLN	DTVPLN -NPLN1506
35	WRLHTV	RICHMOND VA	169.4	PLN	DTVPLN -NPLN1509

Results for: 34A DC WASHINGTON DTVPLN DTVP0930 PLN
HAAT 235.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6511933	26027.6
not affected by terrain losses	6457499	24831.5
lost to NTSC IX	525	12.0
lost to additional IX by ATV	17101	196.0
lost to ATV IX only	17524	204.0
lost to all IX	17626	208.0

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
09	WUSA	WASHINGTON DC	DTVPLN -NPLN0586

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	WGAL	LANCASTER PA	126.8	PLN	DTVPLN -NPLN0562
08	WRIC TV	PETERSBURG VA	166.1	PLN	DTVPLN -NPLN0571
09	WNCTTV	GREENVILLE NC	399.4	PLN	DTVPLN -NPLN0609
09	WWORTV	SECAUCUS NJ	326.8	PLN	DTVPLN -NPLN0613
09	WTOVTV	STEUBENVILLE OH	322.5	PLN	DTVPLN -NPLN0618
09	WWLF-DT	HAZLETON PA	246.9	PLN	DTVPLN -DTVP0058
09	WSWPTV	GRANDVIEW WV	360.0	PLN	DTVPLN -NPLN0634
10	WTAJTV	ALTOONA PA	214.1	PLN	DTVPLN -NPLN0677
10	WCAU	PHILADELPHIA PA	199.4	PLN	DTVPLN -NPLN0678

Results for: 9N DC WASHINGTON DTVPLN NPLN0586 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	6511933	26027.6
not affected by terrain losses	6388421	23831.3
lost to NTSC IX	88932	948.1



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 11 of 32**

lost to additional IX by ATV	0	0.0
lost to all IX	88932	948.1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WUSA-DT	WASHINGTON DC	DTVPLN	-DTVP0930

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WHMM-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0895
33	WITF-TV	HARRISBURG PA	156.1	LIC	BMLET	-
19820217KH						
34	WIVT	BINGHAMTON NY	358.8	LIC	BLCT	-
19871110KV						
34	WJAC-DT	JOHNSTOWN PA	226.9	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	199.0	PLN	DTVPLN	-DTVP0953
35	WDCA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0968
35	WRLH-TV	RICHMOND VA	169.4	CP	BPCT	-
19960705KE						
34	WJAC-DT	JOHNSTOWN PA	226.8	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 5
Before Analysis

Results for: 34A DC WASHINGTON DTVPLN DTVP0930 PLN
HAAT 235.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6511933	26027.6
not affected by terrain losses	6457499	24831.5
lost to NTSC IX	525	12.0
lost to additional IX by ATV	17101	196.0
lost to ATV IX only	17524	204.0
lost to all IX	17626	208.0

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
35A DC WASHINGTON	DTVPLN	DTVP0968	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 34A DC WASHINGTON DTVPLN DTVP0930 PLN
HAAT 235.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6511933	26027.6
not affected by terrain losses	6457499	24831.5
lost to NTSC IX	525	12.0
lost to additional IX by ATV	20685	260.0
lost to ATV IX only	21108	268.0



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 12 of 32**

lost to all IX 21210 272.0

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
35A DC WASHINGTON	DTVPLN	DTVP0968	PLN
34A PA JOHNSTOWN	USERRECORD01		APP

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Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
34	WMGCTV	BINGHAMTON NY	DTVPLN -NPLN1477

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
27	WFXV-DT	UTICA NY	116.0	PLN	DTVPLN -DTVP0682
30	WUTR-DT	UTICA NY	135.9	PLN	DTVPLN -DTVP0795
31	WOLF-DT	SCRANTON PA	71.7	PLN	DTVPLN -DTVP0838
32	WSWB-DT	SCRANTON PA	71.8	PLN	DTVPLN -DTVP0878
33	WFXV	UTICA NY	116.0	PLN	DTVPLN -NPLN1455
33	WITFTV	HARRISBURG PA	205.7	PLN	DTVPLN -NPLN1457
34	WTWS-DT	NEW LONDON CT	318.7	PLN	DTVPLN -DTVP0929
34	WUSA-DT	WASHINGTON DC	358.8	PLN	DTVPLN -DTVP0930
34	WGOT-DT	MERRIMACK NH	371.1	PLN	DTVPLN -DTVP0946
34	WNYO-DT	BUFFALO NY	221.4	PLN	DTVPLN -DTVP0948
34	NEW	LAKE PLACID NY	289.8	PLN	DTVPLN -NPLN1478
34	WMHT-DT	SCHENECTADY NY	171.9	PLN	DTVPLN -DTVP0949
34	WJAC-DT	JOHNSTOWN PA	315.9	PLN	DTVPLN -DTVP0952
34	WYBE-DT	PHILADELPHIA PA	232.2	PLN	DTVPLN -DTVP0953
36	WENYTV	ELMIRA NY	76.7	PLN	DTVPLN -NPLN1524
38	WOLFTV	SCRANTON PA	71.7	PLN	DTVPLN -NPLN1549
41	WVIA-DT	SCRANTON PA	97.9	PLN	DTVPLN -DTVP1171
42	WSKG-DT	BINGHAMTON NY	0.5	PLN	DTVPLN -DTVP1202
48	WYDC	CORNING NY	90.9	PLN	DTVPLN -NPLN1737
49	WNYOTV	BUFFALO NY	221.4	PLN	DTVPLN -NPLN1758
49	WNEP-DT	SCRANTON PA	97.8	PLN	DTVPLN -DTVP1429

Results for: 34N NY BINGHAMTON	DTVPLN	NPLN1477	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	704486	16165.0	
not affected by terrain losses	502837	13534.2	
lost to NTSC IX	13372	431.8	
lost to additional IX by ATV	563	52.0	
lost to all IX	13935	483.8	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WIVT	BINGHAMTON NY	BLCT -19871110KV



Denny & Associates, P.C.
Consulting Engineers

**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 13 of 32**

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
27	WFXV-DT	UTICA NY	116.0	PLN	DTVPLN	-DTVP0682
30	WUTR-DT	UTICA NY	135.9	PLN	DTVPLN	-DTVP0795
31	WOLF-DT	SCRANTON PA	71.7	PLN	DTVPLN	-DTVP0838
32	WSWB-DT	SCRANTON PA	71.8	PLN	DTVPLN	-DTVP0878
33	WITF-TV	HARRISBURG PA	205.8	LIC	BMLET	-
19820217KH						
34	WTWS-DT	NEW LONDON CT	318.7	PLN	DTVPLN	-DTVP0929
34	WUSA-DT	WASHINGTON DC	358.8	PLN	DTVPLN	-DTVP0930
34	WGOT-DT	MERRIMACK NH	371.1	PLN	DTVPLN	-DTVP0946
34	WNYO-DT	BUFFALO NY	221.4	PLN	DTVPLN	-DTVP0948
34	960910KE	LAKE PLACID NY	289.8	APP	BPET	-
19960910KE						
34	WMHT-DT	SCHENECTADY NY	171.9	PLN	DTVPLN	-DTVP0949
34	WJAC-DT	JOHNSTOWN PA	315.9	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	232.2	PLN	DTVPLN	-DTVP0953
38	WSWB	SCRANTON PA	71.7	LIC	BLCT	-
19870831KF						
41	WVIA-DT	SCRANTON PA	97.9	PLN	DTVPLN	-DTVP1171
42	WSKG-DT	BINGHAMTON NY	0.5	PLN	DTVPLN	-DTVP1202
48	WYDC	CORNING NY	90.9	LIC	BLCT	-
19940920KE						
49	WNYO-TV	BUFFALO NY	221.4	LIC	BLCT	-
19870911KH						
49	WNEP-DT	SCRANTON PA	97.8	PLN	DTVPLN	-DTVP1429
34	WJAC-DT	JOHNSTOWN PA	315.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 6
Before Analysis

Results for: 34N NY BINGHAMTON	BLCT	19871110KV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	704486	16165.0	
not affected by terrain losses	502837	13534.2	
lost to NTSC IX	9460	339.9	
lost to additional IX by ATV	930	84.0	
lost to all IX	10390	423.8	

Potential Interfering Stations Included in above Scenario 1

38N PA SCRANTON	BLCT	19870831KF	LIC
31A PA SCRANTON	DTVPLN	DTVP0838	PLN
32A PA SCRANTON	DTVPLN	DTVP0878	PLN
34A NY SCHENECTADY	DTVPLN	DTVP0949	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 34N NY BINGHAMTON	BLCT	19871110KV	LIC
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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 14 of 32**

	POPULATION	AREA (sq km)
within Noise Limited Contour	704486	16165.0
not affected by terrain losses	502837	13534.2
lost to NTSC IX	9460	339.9
lost to additional IX by ATV	1059	92.0
lost to all IX	10519	431.8

Potential Interfering Stations Included in above Scenario 1

38N PA SCRANTON	BLCT	19870831KF	LIC
31A PA SCRANTON	DTVPLN	DTVP0838	PLN
32A PA SCRANTON	DTVPLN	DTVP0878	PLN
34A NY SCHENECTADY	DTVPLN	DTVP0949	PLN
34A PA JOHNSTOWN	USERRECORD01		APP

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Analysis of Interference to Affected Station 7

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
34	WNYO-DT	BUFFALO NY	DTVPLN	-DTVP0948

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WGRZ-DT	BUFFALO NY	11.2	PLN	DTVPLN	-DTVP0910
34	WMGCTV	BINGHAMTON NY	221.4	PLN	DTVPLN	-NPLN1477
34	NEW	LAKE PLACID NY	393.3	PLN	DTVPLN	-NPLN1478
34	WMHT-DT	SCHENECTADY NY	364.3	PLN	DTVPLN	-DTVP0949
34	WQHS-DT	CLEVELAND OH	309.5	PLN	DTVPLN	-DTVP0951
34	WJAC-DT	JOHNSTOWN PA	271.6	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	406.0	PLN	DTVPLN	-DTVP0953
35	WSEE	ERIE PA	155.5	PLN	DTVPLN	-NPLN1505

Results for: 34A NY BUFFALO DTVPLN DTVP0948 PLN
HAAT 376.0 m, ATV ERP 149.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1509244	18736.2
not affected by terrain losses	1471637	17496.7
lost to NTSC IX	2761	151.9
lost to additional IX by ATV	27010	563.8
lost to ATV IX only	27536	619.7
lost to all IX	29771	715.7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
49	WNYOTV	BUFFALO NY	DTVPLN	-NPLN1758

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 15 of 32**

45	WROC-DT	ROCHESTER NY	81.2	PLN	DTVPLN	-DTVP1310
46	WNGS-DT	SPRINGVILLE NY	45.3	PLN	DTVPLN	-DTVP1334
48	WYDC	CORNING NY	135.3	PLN	DTVPLN	-NPLN1737
49	WEAO	AKRON OH	323.5	PLN	DTVPLN	-NPLN1759
49	WGCBTV	RED LION PA	356.0	PLN	DTVPLN	-NPLN1760
49	WNEP-DT	SCRANTON PA	277.9	PLN	DTVPLN	-DTVP1429
50	WYDC-DT	CORNING NY	135.3	PLN	DTVPLN	-DTVP1454
50	WQLN-DT	ERIE PA	155.5	PLN	DTVPLN	-DTVP1458
51	WAQF	BATAVIA NY	38.1	PLN	DTVPLN	-NPLN1797
53	WAQF-DT	BATAVIA NY	38.1	PLN	DTVPLN	-DTVP1534
56	NEW	SYRACUSE NY	199.2	PLN	DTVPLN	-NPLN1869

Results for: 49N NY BUFFALO			DTVPLN	NPLN1758	PLN
			POPULATION	AREA (sq km)	
within Noise Limited Contour		1508895		18728.2	
not affected by terrain losses		1461394		17084.9	
lost to NTSC IX		10858		235.9	
lost to additional IX by ATV		822		8.0	
lost to all IX		11680		243.9	

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
34	WNYO-DT	BUFFALO NY	DTVPLN	-DTVP0948

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.	
33	WGRZ-DT	BUFFALO NY	11.2	PLN	DTVPLN	-DTVP0910
34	WIVT	BINGHAMTON NY	221.4	LIC	BLCT	-
19871110KV						
34	960910KE	LAKE PLACID NY	393.3	APP	BPET	-
19960910KE						
34	WMHT-DT	SCHENECTADY NY	364.3	PLN	DTVPLN	-DTVP0949
34	WQHS-DT	CLEVELAND OH	309.5	PLN	DTVPLN	-DTVP0951
34	WJAC-DT	JOHNSTOWN PA	271.6	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	406.0	PLN	DTVPLN	-DTVP0953
34	WJAC-DT	JOHNSTOWN PA	271.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 4
Scenario 1 Affected station 7
Before Analysis

Results for: 34A NY BUFFALO			DTVPLN	DTVP0948	PLN
HAAT	376.0 m,	ATV ERP	149.0 kW		
			POPULATION	AREA (sq km)	
within Noise Limited Contour		1509244		18736.2	
not affected by terrain losses		1471637		17496.7	
lost to NTSC IX		2761		151.9	
lost to additional IX by ATV		27010		563.8	
lost to ATV IX only		27536		619.7	
lost to all IX		29771		715.7	



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 16 of 32**

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
33A NY BUFFALO	DTVPLN	DTVP0910	PLN
34A OH CLEVELAND	DTVPLN	DTVP0951	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 34A NY BUFFALO DTVPLN DTVP0948 PLN
HAAT 376.0 m, ATV ERP 149.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1509244	18736.2
not affected by terrain losses	1471637	17496.7
lost to NTSC IX	2761	151.9
lost to additional IX by ATV	27407	611.7
lost to ATV IX only	28281	687.7
lost to all IX	30168	763.7

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
33A NY BUFFALO	DTVPLN	DTVP0910	PLN
34A OH CLEVELAND	DTVPLN	DTVP0951	PLN
34A PA JOHNSTOWN	USERRECORD01		APP

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Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
34	WQHS-DT	CLEVELAND OH	DTVPLN	-DTVP0951

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WBSX-DT	ANN ARBOR MI	224.8	PLN	DTVPLN	-DTVP0903
33	WYTV	YOUNGSTOWN OH	96.1	PLN	DTVPLN	-NPLN1456
34	WNIT	SOUTH BEND IN	374.9	PLN	DTVPLN	-NPLN1474
34	WHTV-DT	JACKSON MI	242.8	PLN	DTVPLN	-DTVP0940
34	WNYO-DT	BUFFALO NY	309.5	PLN	DTVPLN	-DTVP0948
34	WCET-DT	CINCINNATI OH	346.7	PLN	DTVPLN	-DTVP0950
34	WOSUTV	COLUMBUS OH	170.5	PLN	DTVPLN	-NPLN1479
34	WJAC-DT	JOHNSTOWN PA	254.7	PLN	DTVPLN	-DTVP0952
34	WPBY-DT	HUNTINGTON WV	323.9	PLN	DTVPLN	-DTVP0961
35	WOUC-DT	CAMBRIDGE OH	147.7	PLN	DTVPLN	-DTVP0987
35	WLIO	LIMA OH	215.6	PLN	DTVPLN	-NPLN1502
35	WSEE	ERIE PA	154.3	PLN	DTVPLN	-NPLN1505

Results for: 34A OH CLEVELAND DTVPLN DTVP0951 PLN
HAAT 354.0 m, ATV ERP 50.0 kW

POPULATION AREA (sq km)



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 17 of 32**

within Noise Limited Contour	3336197	18567.1
not affected by terrain losses	3334614	18491.2
lost to NTSC IX	4689	135.8
lost to additional IX by ATV	5135	203.8
lost to ATV IX only	8740	315.6
lost to all IX	9824	339.6

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
61	WQHSTV	CLEVELAND OH	DTVPLN	-NPLN1929

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
54	WQLN	ERIE PA	154.2	PLN	DTVPLN	-NPLN1844
59	WAKC-DT	AKRON OH	36.9	PLN	DTVPLN	-DTVP1657
61	WTSF	ASHLAND KY	334.8	PLN	DTVPLN	-NPLN1925
61	NEW	ROCHESTER NY	390.6	PLN	DTVPLN	-NPLN1927
62	WWJTV	DETROIT MI	169.7	PLN	DTVPLN	-NPLN1938
68	WMFDTV	MANSFIELD OH	103.2	PLN	DTVPLN	-NPLN2005

Results for: 61N OH CLEVELAND DTVPLN NPLN1929 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3336197	18567.1
not affected by terrain losses	3321704	18083.7
lost to NTSC IX	890	20.0
lost to additional IX by ATV	114012	247.7
lost to all IX	114902	267.7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WQHS-DT	CLEVELAND OH	DTVPLN	-DTVP0951

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WBSX-DT	ANN ARBOR MI	224.8	PLN	DTVPLN	-DTVP0903
34	WNIT	SOUTH BEND IN	374.9	LIC	BLET	-
19910307KE						
34	WHTV-DT	JACKSON MI	242.8	PLN	DTVPLN	-DTVP0940
34	WNYO-DT	BUFFALO NY	309.5	PLN	DTVPLN	-DTVP0948
34	WCET-DT	CINCINNATI OH	346.7	PLN	DTVPLN	-DTVP0950
34	WOSU-TV	COLUMBUS OH	170.5	LIC	BMLET	-
19851106KE						
34	WJAC-DT	JOHNSTOWN PA	254.7	PLN	DTVPLN	-DTVP0952
34	WPBY-DT	HUNTINGTON WV	323.9	PLN	DTVPLN	-DTVP0961
35	WOUC-DT	CAMBRIDGE OH	147.7	PLN	DTVPLN	-DTVP0987
35	WLIO	LIMA OH	215.6	LIC	BLCT	-
19890519KE						
34	WJAC-DT	JOHNSTOWN PA	254.7	APP	USERRECORD-01	

Total scenarios = 1



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 18 of 32**

Result key: 5
Scenario 1 Affected station 8
Before Analysis

Results for: 34A OH CLEVELAND DTVPLN DTVP0951 PLN
HAAT 354.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3336197	18567.1
not affected by terrain losses	3334614	18491.2
lost to NTSC IX	4689	135.8
lost to additional IX by ATV	5135	203.8
lost to ATV IX only	8740	315.6
lost to all IX	9824	339.6

Potential Interfering Stations Included in above Scenario 1

34N OH COLUMBUS	BMLET	19851106KE	LIC
34A NY BUFFALO	DTVPLN	DTVP0948	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 34A OH CLEVELAND DTVPLN DTVP0951 PLN
HAAT 354.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3336197	18567.1
not affected by terrain losses	3334614	18491.2
lost to NTSC IX	4689	135.8
lost to additional IX by ATV	151	8.0
lost to ATV IX only	2688	75.9
lost to all IX	4840	143.8

Potential Interfering Stations Included in above Scenario 1

34N OH COLUMBUS	BMLET	19851106KE	LIC
34A NY BUFFALO	DTVPLN	DTVP0948	PLN
34A PA JOHNSTOWN	USERRECORD01		APP

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Analysis of Interference to Affected Station 9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
34	WOSUTV	COLUMBUS OH	DTVPLN	-NPLN1479

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
26	WTJC	SPRINGFIELD OH	84.5	PLN	DTVPLN	-NPLN1287
27	WOUB-DT	ATHENS OH	115.0	PLN	DTVPLN	-DTVP0683
27	WBGUTV	BOWLING GREEN OH	136.7	PLN	DTVPLN	-NPLN1313
30	WRGT-DT	DAYTON OH	123.4	PLN	DTVPLN	-DTVP0797



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 19 of 32**

33	WSTR-DT	CINCINNATI OH	173.5	PLN	DTVPLN	-DTVP0912
33	WPBYTV	HUNTINGTON WV	195.2	PLN	DTVPLN	-NPLN1463
34	WNIT	SOUTH BEND IN	319.1	PLN	DTVPLN	-NPLN1474
34	WGRB	CAMPBELLSVILLE KY	391.7	PLN	DTVPLN	-NPLN1475
34	WHTV-DT	JACKSON MI	261.7	PLN	DTVPLN	-DTVP0940
34	WCET-DT	CINCINNATI OH	178.7	PLN	DTVPLN	-DTVP0950
34	WQHS-DT	CLEVELAND OH	170.5	PLN	DTVPLN	-DTVP0951
34	WJAC-DT	JOHNSTOWN PA	335.0	PLN	DTVPLN	-DTVP0952
34	WPBY-DT	HUNTINGTON WV	195.2	PLN	DTVPLN	-DTVP0961
35	WOUC-DT	CAMBRIDGE OH	139.1	PLN	DTVPLN	-DTVP0987
35	WLWT-DT	CINCINNATI OH	178.8	PLN	DTVPLN	-DTVP0988
35	WLIO	LIMA OH	121.4	PLN	DTVPLN	-NPLN1502
36	WTTE-DT	COLUMBUS OH	0.0	PLN	DTVPLN	-DTVP1029
38	WOSU-DT	COLUMBUS OH	0.0	PLN	DTVPLN	-DTVP1062
41	WHIO-DT	DAYTON OH	122.4	PLN	DTVPLN	-DTVP1169
42	WGGN-DT	SANDUSKY OH	138.0	PLN	DTVPLN	-DTVP1203
48	WCET	CINCINNATI OH	178.7	PLN	DTVPLN	-NPLN1738
49	WIPB	MUNCIE IN	208.6	PLN	DTVPLN	-NPLN1752
49	WEAO	AKRON OH	149.6	PLN	DTVPLN	-NPLN1759

Results for: 34N OH COLUMBUS	DTVPLN	NPLN1479	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1684856	17106.4	
not affected by terrain losses	1669339	16925.3	
lost to NTSC IX	27090	358.3	
lost to additional IX by ATV	27307	434.8	
lost to all IX	54397	793.1	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WOSU-TV	COLUMBUS OH	BMLET	-19851106KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
27	WOUB-DT	ATHENS OH	115.0	PLN	DTVPLN	-DTVP0683
27	WBGU-TV	BOWLING GREEN OH	136.7	LIC	BLET	-
19860808KL						
30	WRGT-DT	DAYTON OH	123.4	PLN	DTVPLN	-DTVP0797
32	960722KP	XENIA OH	71.0	APP	BPCT	-
19960722KP						
33	WSTR-DT	CINCINNATI OH	173.5	PLN	DTVPLN	-DTVP0912
34	WNIT	SOUTH BEND IN	319.1	LIC	BLET	-
19910307KE						
34	WHTV-DT	JACKSON MI	261.7	PLN	DTVPLN	-DTVP0940
34	WCET-DT	CINCINNATI OH	178.7	PLN	DTVPLN	-DTVP0950
34	WQHS-DT	CLEVELAND OH	170.5	PLN	DTVPLN	-DTVP0951
34	WJAC-DT	JOHNSTOWN PA	335.0	PLN	DTVPLN	-DTVP0952
34	WPBY-DT	HUNTINGTON WV	195.2	PLN	DTVPLN	-DTVP0961
35	WOUC-DT	CAMBRIDGE OH	139.1	PLN	DTVPLN	-DTVP0987
35	WLWT-DT	CINCINNATI OH	178.8	PLN	DTVPLN	-DTVP0988
35	WLIO	LIMA OH	121.4	LIC	BLCT	-
19890519KE						
36	WTTE-DT	COLUMBUS OH	0.0	PLN	DTVPLN	-DTVP1029
38	WOSU-DT	COLUMBUS OH	0.0	PLN	DTVPLN	-DTVP1062



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Consulting Engineers

**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 20 of 32**

41	WHIO-DT	DAYTON OH	122.4	PLN	DTVPLN	-DTVP1169
42	WGGN-DT	SANDUSKY OH	138.0	PLN	DTVPLN	-DTVP1203
49	WIPB	MUNCIE IN	208.6	LIC	BLET	-
19810717KI						
49	WEAO	AKRON OH	149.6	LIC	BLET	-
19821105KI						
34	WJAC-DT	JOHNSTOWN PA	335.0	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 10

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
34	WYBE-DT	PHILADELPHIA PA	DTVPLN	-DTVP0953

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WHMM-DT	WASHINGTON DC	199.8	PLN	DTVPLN	-DTVP0895
33	WPIX-DT	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP0911
33	WITFTV	HARRISBURG PA	142.4	PLN	DTVPLN	-NPLN1457
34	WTWS-DT	NEW LONDON CT	298.3	PLN	DTVPLN	-DTVP0929
34	WUSA-DT	WASHINGTON DC	199.0	PLN	DTVPLN	-DTVP0930
34	WMGCTV	BINGHAMTON NY	232.2	PLN	DTVPLN	-NPLN1477
34	WNYO-DT	BUFFALO NY	406.0	PLN	DTVPLN	-DTVP0948
34	WMHT-DT	SCHENECTADY NY	306.5	PLN	DTVPLN	-DTVP0949
34	WJAC-DT	JOHNSTOWN PA	319.9	PLN	DTVPLN	-DTVP0952
35	WDCA-DT	WASHINGTON DC	199.8	PLN	DTVPLN	-DTVP0968
35	WYBE	PHILADELPHIA PA	0.0	PLN	DTVPLN	-NPLN1506

Results for: 34A PA PHILADELPHIA DTVPLN DTVP0953 PLN

HAAT 284.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5733637	11949.6
not affected by terrain losses	5729753	11881.0
lost to NTSC IX	6469	36.3
lost to additional IX by ATV	106459	347.1
lost to ATV IX only	110365	367.2
lost to all IX	112928	383.4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
35	WYBE	PHILADELPHIA PA	DTVPLN	-NPLN1506

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
27	WGTW-DT	BURLINGTON NJ	0.4	PLN	DTVPLN	-DTVP0678
28	WCPB	SALISBURY MD	186.4	PLN	DTVPLN	-NPLN1333
28	WNBC-DT	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP0719



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 21 of 32**

28	WBRETV	WILKES-BARRE PA	137.7	PLN	DTVPLN	-NPLN1338
31	WTGI-DT	WILMINGTON DE	38.7	PLN	DTVPLN	-DTVP0815
32	WPSG-DT	PHILADELPHIA PA	0.2	PLN	DTVPLN	-DTVP0877
33	WPIX-DT	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP0911
34	WUSA-DT	WASHINGTON DC	199.0	PLN	DTVPLN	-DTVP0930
34	WYBE-DT	PHILADELPHIA PA	0.0	PLN	DTVPLN	-DTVP0953
35	WVIT-DT	NEW BRITAIN CT	273.8	PLN	DTVPLN	-DTVP0967
35	WDCA-DT	WASHINGTON DC	199.8	PLN	DTVPLN	-DTVP0968
35	WRLHTV	RICHMOND VA	353.3	PLN	DTVPLN	-NPLN1509
36	WTTG-DT	WASHINGTON DC	198.8	PLN	DTVPLN	-DTVP1006
36	WNJU-DT	LINDEN NJ	127.8	PLN	DTVPLN	-DTVP1027
36	WMGM-DT	WILDWOOD NJ	109.6	PLN	DTVPLN	-DTVP1028
36	WITF-DT	HARRISBURG PA	142.4	PLN	DTVPLN	-DTVP1032
38	WWOR-DT	SECAUCUS NJ	127.8	PLN	DTVPLN	-DTVP1058
39	WLVT-TV	ALLENTOWN PA	60.7	PLN	DTVPLN	-NPLN1567
42	WTFX-DT	PHILADELPHIA PA	0.0	PLN	DTVPLN	-DTVP1207
43	WNJT-DT	TRENTON NJ	54.0	PLN	DTVPLN	-DTVP1235
43	WPMT	YORK PA	115.8	PLN	DTVPLN	-NPLN1647
49	WACI-DT	ATLANTIC CITY NJ	95.8	PLN	DTVPLN	-DTVP1426
49	WGCBTV	RED LION PA	115.5	PLN	DTVPLN	-NPLN1760
49	WNEP-DT	SCRANTON PA	137.8	PLN	DTVPLN	-DTVP1429
50	WBDCTV	WASHINGTON DC	194.6	PLN	DTVPLN	-NPLN1771
50	WWAC-DT	ATLANTIC CITY NJ	99.6	PLN	DTVPLN	-DTVP1452
50	WNJN	MONTCLAIR NJ	126.9	PLN	DTVPLN	-NPLN1779

Results for: 35N PA PHILADELPHIA		DTVPLN	NPLN1506	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		5733637	11949.6	
not affected by terrain losses		5724020	11844.7	
lost to NTSC IX		34007	226.0	
lost to additional IX by ATV		89350	129.1	
lost to all IX		123357	355.1	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WYBE-DT	PHILADELPHIA PA	DTVPLN	-DTVP0953

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WHMM-DT	WASHINGTON DC	199.8	PLN	DTVPLN	-DTVP0895
33	WPIX-DT	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP0911
33	WITF-TV	HARRISBURG PA	142.5	LIC	BMLET	-
19820217KH						
34	WTWS-DT	NEW LONDON CT	298.3	PLN	DTVPLN	-DTVP0929
34	WUSA-DT	WASHINGTON DC	199.0	PLN	DTVPLN	-DTVP0930
34	WIVT	BINGHAMTON NY	232.2	LIC	BLCT	-
19871110KV						
34	WNYO-DT	BUFFALO NY	406.0	PLN	DTVPLN	-DTVP0948
34	WMHT-DT	SCHENECTADY NY	306.5	PLN	DTVPLN	-DTVP0949
34	WJAC-DT	JOHNSTOWN PA	319.9	PLN	DTVPLN	-DTVP0952
35	WDCA-DT	WASHINGTON DC	199.8	PLN	DTVPLN	-DTVP0968
34	WJAC-DT	JOHNSTOWN PA	319.9	APP	USERRECORD-01	

Total scenarios = 1



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OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania

Exhibit 41
Page 22 of 32

Result key: 6
Scenario 1 Affected station 10
Before Analysis

Results for: 34A PA PHILADELPHIA DTVPLN DTVP0953 PLN
HAAT 284.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5733637	11949.6
not affected by terrain losses	5729753	11881.0
lost to NTSC IX	6469	36.3
lost to additional IX by ATV	106459	347.1
lost to ATV IX only	110365	367.2
lost to all IX	112928	383.4

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
33A NY NEW YORK	DTVPLN	DTVP0911	PLN
34A DC WASHINGTON	DTVPLN	DTVP0930	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 34A PA PHILADELPHIA DTVPLN DTVP0953 PLN
HAAT 284.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5733637	11949.6
not affected by terrain losses	5729753	11881.0
lost to NTSC IX	6469	36.3
lost to additional IX by ATV	106459	347.1
lost to ATV IX only	110365	367.2
lost to all IX	112928	383.4

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
33A NY NEW YORK	DTVPLN	DTVP0911	PLN
34A DC WASHINGTON	DTVPLN	DTVP0930	PLN
34A PA JOHNSTOWN	USERRECORD01		APP

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Analysis of Interference to Affected Station 11

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
34	WPBY-DT	HUNTINGTON WV	DTVPLN -DTVP0961

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 23 of 32**

33	WSTR-DT	CINCINNATI OH	215.7	PLN	DTVPLN	-DTVP0912
33	WPBYTV	HUNTINGTON WV	0.0	PLN	DTVPLN	-NPLN1463
34	WGRB	CAMPBELLSVILLE KY	310.1	PLN	DTVPLN	-NPLN1475
34	WSOC-DT	CHARLOTTE NC	382.5	PLN	DTVPLN	-DTVP0943
34	WCET-DT	CINCINNATI OH	212.9	PLN	DTVPLN	-DTVP0950
34	WQHS-DT	CLEVELAND OH	323.9	PLN	DTVPLN	-DTVP0951
34	WOSUTV	COLUMBUS OH	195.2	PLN	DTVPLN	-NPLN1479
34	WJAC-DT	JOHNSTOWN PA	346.1	PLN	DTVPLN	-DTVP0952
34	WTNZ-DT	KNOXVILLE TN	319.2	PLN	DTVPLN	-DTVP0956
35	WKHA	HAZARD KY	168.7	PLN	DTVPLN	-NPLN1496
35	WOUC-DT	CAMBRIDGE OH	194.1	PLN	DTVPLN	-DTVP0987
35	WLWT-DT	CINCINNATI OH	212.8	PLN	DTVPLN	-DTVP0988

Results for: 34A WV HUNTINGTON			DTVPLN	DTVP0961	PLN
HAAT 379.0 m, ATV ERP 63.1 kW					
		POPULATION	AREA (sq km)		
within Noise Limited Contour		775181	17727.2		
not affected by terrain losses		746617	16957.7		
lost to NTSC IX		11652	269.9		
lost to additional IX by ATV		301	28.2		
lost to ATV IX only		1027	80.6		
lost to all IX		11953	298.1		

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.	
33	WPBYTV	HUNTINGTON WV	DTVPLN	-NPLN1463

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.	
25	WKAS	ASHLAND KY	36.7	PLN	DTVPLN	-NPLN1245
26	WKAS-DT	ASHLAND KY	36.7	PLN	DTVPLN	-DTVP0638
30	WUXA	PORTSMOUTH OH	80.4	PLN	DTVPLN	-NPLN1386
32	WSBN-DT	NORTON VA	181.3	PLN	DTVPLN	-DTVP0886
33	WKJGTV	FORT WAYNE IN	384.8	PLN	DTVPLN	-NPLN1447
33	WBKO-DT	BOWLING GREEN KY	404.5	PLN	DTVPLN	-DTVP0902
33	WUNFTV	ASHEVILLE NC	344.7	PLN	DTVPLN	-NPLN1453
33	WUPN-DT	GREENSBORO NC	358.8	PLN	DTVPLN	-DTVP0908
33	WSTR-DT	CINCINNATI OH	215.7	PLN	DTVPLN	-DTVP0912
33	WYTV	YOUNGSTOWN OH	315.1	PLN	DTVPLN	-NPLN1456
33	WNPB-DT	MORGANTOWN WV	249.1	PLN	DTVPLN	-DTVP0923
34	WOSUTV	COLUMBUS OH	195.2	PLN	DTVPLN	-NPLN1479
34	WPBY-DT	HUNTINGTON WV	0.0	PLN	DTVPLN	-DTVP0961
40	WLFB	BLUEFIELD WV	164.1	PLN	DTVPLN	-NPLN1597
41	WCHS-DT	CHARLESTON WV	27.6	PLN	DTVPLN	-DTVP1181
47	WSBNTV	NORTON VA	181.3	PLN	DTVPLN	-NPLN1725
48	WCET	CINCINNATI OH	212.9	PLN	DTVPLN	-NPLN1738

Results for: 33N WV HUNTINGTON			DTVPLN	NPLN1463	PLN
		POPULATION	AREA (sq km)		
within Noise Limited Contour		775161	17723.2		
not affected by terrain losses		728846	16526.6		
lost to NTSC IX		5880	92.7		
lost to additional IX by ATV		3472	245.8		
lost to all IX		9352	338.4		



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 24 of 32**

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	WPBY-DT	HUNTINGTON WV	DTVPLN	-DTVP0961

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WSTR-DT	CINCINNATI OH	215.7	PLN	DTVPLN	-DTVP0912
34	WSOC-DT	CHARLOTTE NC	382.5	PLN	DTVPLN	-DTVP0943
34	WCET-DT	CINCINNATI OH	212.9	PLN	DTVPLN	-DTVP0950
34	WQHS-DT	CLEVELAND OH	323.9	PLN	DTVPLN	-DTVP0951
34	WOSU-TV	COLUMBUS OH	195.2	LIC	BMLET	-
19851106KE						
34	WJAC-DT	JOHNSTOWN PA	346.1	PLN	DTVPLN	-DTVP0952
34	WTNZ-DT	KNOXVILLE TN	319.2	PLN	DTVPLN	-DTVP0956
35	WKHA	HAZARD KY	168.7	LIC	BLET	-
19810303KE						
35	WOUC-DT	CAMBRIDGE OH	194.1	PLN	DTVPLN	-DTVP0987
35	WLWT-DT	CINCINNATI OH	212.8	PLN	DTVPLN	-DTVP0988
34	WJAC-DT	JOHNSTOWN PA	346.2	APP	USERRECORD-01	

Total scenarios = 1

Result key: 7
Scenario 1 Affected station 11
Before Analysis

Results for: 34A WV HUNTINGTON DTVPLN DTVP0961 PLN
HAAT 379.0 m, ATV ERP 63.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	775181	17727.2
not affected by terrain losses	746617	16957.7
lost to NTSC IX	11353	253.8
lost to additional IX by ATV	459	36.3
lost to ATV IX only	1027	80.6
lost to all IX	11812	290.1

Potential Interfering Stations Included in above Scenario 1

34N OH COLUMBUS	BMLET	19851106KE	LIC
34A OH CINCINNATI	DTVPLN	DTVP0950	PLN
34A TN KNOXVILLE	DTVPLN	DTVP0956	PLN
34A PA JOHNSTOWN	DTVPLN	DTVP0952	PLN

After Analysis

Results for: 34A WV HUNTINGTON DTVPLN DTVP0961 PLN
HAAT 379.0 m, ATV ERP 63.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	775181	17727.2
not affected by terrain losses	746617	16957.7
lost to NTSC IX	11353	253.8
lost to additional IX by ATV	378	28.2



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 25 of 32**

lost to ATV IX only	923	68.5
lost to all IX	11731	282.0

Potential Interfering Stations Included in above Scenario 1

34N OH COLUMBUS	BMLET	19851106KE	LIC
34A OH CINCINNATI	DTVPLN	DTVP0950	PLN
34A TN KNOXVILLE	DTVPLN	DTVP0956	PLN
34A PA JOHNSTOWN	USERRECORD01		APP

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Analysis of Interference to Affected Station 12

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
35	WDCA-DT	WASHINGTON DC	DTVPLN	-DTVP0968

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
34	WUSA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0930
34	WJAC-DT	JOHNSTOWN PA	224.3	PLN	DTVPLN	-DTVP0952
34	WYBE-DT	PHILADELPHIA PA	199.8	PLN	DTVPLN	-DTVP0953
35	WGHP-DT	HIGH POINT NC	425.5	PLN	DTVPLN	-DTVP0984
35	WOUC-DT	CAMBRIDGE OH	379.9	PLN	DTVPLN	-DTVP0987
35	WSEE	ERIE PA	423.4	PLN	DTVPLN	-NPLN1505
35	WYBE	PHILADELPHIA PA	199.8	PLN	DTVPLN	-NPLN1506
35	WRLHTV	RICHMOND VA	170.1	PLN	DTVPLN	-NPLN1509
36	WTTG-DT	WASHINGTON DC	2.1	PLN	DTVPLN	-DTVP1006
36	WGPT	OAKLAND MD	194.8	PLN	DTVPLN	-NPLN1521
36	WMGM-DT	WILDWOOD NJ	202.7	PLN	DTVPLN	-DTVP1028
36	WITF-DT	HARRISBURG PA	155.0	PLN	DTVPLN	-DTVP1032

Results for: 35A DC WASHINGTON DTVPLN DTVP0968 PLN
HAAT 235.0 m, ATV ERP 232.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	6118029	18738.5
not affected by terrain losses	6091455	18250.5
lost to NTSC IX	54773	775.9
lost to additional IX by ATV	26080	120.0
lost to ATV IX only	30837	168.0
lost to all IX	80853	895.9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
20	WDCA	WASHINGTON DC	DTVPLN	-NPLN1071

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
16	WJAL-DT	HAGERSTOWN MD	127.0	PLN	DTVPLN	-DTVP0223



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 26 of 32**

20	WUND-DT	COLUMBIA NC	347.0	PLN	DTVPLN	-DTVP0407
20	WFMJ-DT	YOUNGSTOWN OH	381.9	PLN	DTVPLN	-DTVP0414
20	WJPR-DT	LYNCHBURG VA	286.7	PLN	DTVPLN	-DTVP0422
21	WBOC-DT	SALISBURY MD	136.6	PLN	DTVPLN	-DTVP0441
21	WHPTV	HARRISBURG PA	154.9	PLN	DTVPLN	-NPLN1124
21	WVPY-DT	FRONT ROYAL VA	106.0	PLN	DTVPLN	-DTVP0461
22	WMPT	ANNAPOLIS MD	43.1	PLN	DTVPLN	-NPLN1145
24	WHSWT	BALTIMORE MD	46.7	PLN	DTVPLN	-NPLN1212
27	WETA-DT	WASHINGTON DC	0.0	PLN	DTVPLN	-DTVP0667
27	WHTMTV	HARRISBURG PA	150.9	PLN	DTVPLN	-NPLN1315
28	WFPT-DT	FREDERICK MD	42.5	PLN	DTVPLN	-DTVP0713
34	WUSA-DT	WASHINGTON DC	2.6	PLN	DTVPLN	-DTVP0930
35	WDCA-DT	WASHINGTON DC	0.0	PLN	DTVPLN	-DTVP0968
35	WYBE	PHILADELPHIA PA	199.8	PLN	DTVPLN	-NPLN1506
35	WRLHTV	RICHMOND VA	170.1	PLN	DTVPLN	-NPLN1509

Results for: 20N DC WASHINGTON	DTVPLN	NPLN1071	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6116698	18730.5	
not affected by terrain losses	6079337	18078.6	
lost to NTSC IX	333297	899.9	
lost to additional IX by ATV	1603	20.0	
lost to all IX	334900	919.9	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	WDCA-DT	WASHINGTON DC	DTVPLN -DTVP0968

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
34	WUSA-DT	WASHINGTON DC	2.6	PLN	DTVPLN -DTVP0930
34	WJAC-DT	JOHNSTOWN PA	224.3	PLN	DTVPLN -DTVP0952
34	WYBE-DT	PHILADELPHIA PA	199.8	PLN	DTVPLN -DTVP0953
35	WGHP-DT	HIGH POINT NC	425.5	PLN	DTVPLN -DTVP0984
35	WOUC-DT	CAMBRIDGE OH	379.9	PLN	DTVPLN -DTVP0987
35	WRLH-TV	RICHMOND VA	170.1	CP	BPCT -
19960705KE					
36	WTTG-DT	WASHINGTON DC	2.1	PLN	DTVPLN -DTVP1006
36	WGPT	OAKLAND MD	194.8	LIC	BLET -
19940415KE					
36	WMGM-DT	WILDWOOD NJ	202.7	PLN	DTVPLN -DTVP1028
36	WITF-DT	HARRISBURG PA	155.0	PLN	DTVPLN -DTVP1032
34	WJAC-DT	JOHNSTOWN PA	224.2	APP	USERRECORD-01
Proposal causes no interference					

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Analysis of Interference to Affected Station 13

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
35	WOUC-DT	CAMBRIDGE OH	DTVPLN -DTVP0987



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Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
34	WQHS-DT	CLEVELAND OH	147.7	PLN	DTVPLN	-DTVP0951
34	WOSUTV	COLUMBUS OH	139.1	PLN	DTVPLN	-NPLN1479
34	WJAC-DT	JOHNSTOWN PA	198.1	PLN	DTVPLN	-DTVP0952
34	WPBY-DT	HUNTINGTON WV	194.1	PLN	DTVPLN	-DTVP0961
35	WDCA-DT	WASHINGTON DC	379.9	PLN	DTVPLN	-DTVP0968
35	WKHA	HAZARD KY	362.0	PLN	DTVPLN	-NPLN1496
35	WUCXTV	BAD AXE MI	422.7	PLN	DTVPLN	-NPLN1499
35	WLWT-DT	CINCINNATI OH	297.0	PLN	DTVPLN	-DTVP0988
35	WLIO	LIMA OH	251.4	PLN	DTVPLN	-NPLN1502
35	WSEE	ERIE PA	239.5	PLN	DTVPLN	-NPLN1505
35	WRLHTV	RICHMOND VA	423.3	PLN	DTVPLN	-NPLN1509
36	WGPT	OAKLAND MD	186.9	PLN	DTVPLN	-NPLN1521
36	WTTE-DT	COLUMBUS OH	139.1	PLN	DTVPLN	-DTVP1029
36	WYTV-DT	YOUNGSTOWN OH	121.1	PLN	DTVPLN	-DTVP1030

Results for: 35A OH CAMBRIDGE			DTVPLN	DTVP0987	PLN
HAAT	393.0 m,	ATV ERP	50.0 kW		
		POPULATION	AREA (sq km)		
within Noise Limited Contour		626566	15604.0		
not affected by terrain losses		612695	15503.3		
lost to NTSC IX		7398	28.2		
lost to additional IX by ATV		274	16.1		
lost to ATV IX only		331	20.1		
lost to all IX		7672	44.3		

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
44	WOUCTV	CAMBRIDGE OH	DTVPLN	-NPLN1666

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
36	WTTE-DT	COLUMBUS OH	139.1	PLN	DTVPLN	-DTVP1029
36	WYTV-DT	YOUNGSTOWN OH	121.1	PLN	DTVPLN	-DTVP1030
40	WHIZ-DT	ZANESVILLE OH	62.0	PLN	DTVPLN	-DTVP1136
41	WKBN-DT	YOUNGSTOWN OH	120.3	PLN	DTVPLN	-DTVP1170
42	WPTT-DT	PITTSBURGH PA	138.6	PLN	DTVPLN	-DTVP1208
43	WUAB	LORAIN OH	147.6	PLN	DTVPLN	-NPLN1645
43	WPGH-DT	PITTSBURGH PA	117.7	PLN	DTVPLN	-DTVP1240
44	WTSF-DT	ASHLAND KY	209.1	PLN	DTVPLN	-DTVP1264
44	WKON-DT	OWENTON KY	349.4	PLN	DTVPLN	-DTVP1265
44	WWPB-DT	HAGERSTOWN MD	287.2	PLN	DTVPLN	-DTVP1267
44	WWJ-DT	DETROIT MI	305.5	PLN	DTVPLN	-DTVP1270
44	WTLW	LIMA OH	256.0	PLN	DTVPLN	-NPLN1667
45	WNEO	ALLIANCE OH	96.0	PLN	DTVPLN	-NPLN1688
46	WNEO-DT	ALLIANCE OH	96.0	PLN	DTVPLN	-DTVP1335
46	WLYJ	CLARKSBURG WV	119.5	PLN	DTVPLN	-NPLN1712
47	WOAC-DT	CANTON OH	113.1	PLN	DTVPLN	-DTVP1368
48	WPXI-DT	PITTSBURGH PA	116.4	PLN	DTVPLN	-DTVP1399
51	WSFJTV	NEWARK OH	96.7	PLN	DTVPLN	-NPLN1798



**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 28 of 32**

51	WTAE-DT	PITTSBURGH PA	127.9	PLN	DTVPLN	-DTVP1490
52	WBOY-DT	CLARKSBURG WV	121.6	PLN	DTVPLN	-DTVP1522
58	WDTV-DT	WESTON WV	135.2	PLN	DTVPLN	-DTVP1640
59	WAKC-DT	AKRON OH	110.9	PLN	DTVPLN	-DTVP1657

Results for: 44N OH CAMBRIDGE	DTVPLN	NPLN1666	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	626566	15604.0	
not affected by terrain losses	560119	14903.0	
lost to NTSC IX	9482	467.4	
lost to additional IX by ATV	626	8.1	
lost to all IX	10108	475.4	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	WOUC-DT	CAMBRIDGE OH	DTVPLN -DTVP0987

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
34	WQHS-DT	CLEVELAND OH	147.7	PLN	DTVPLN -DTVP0951
34	WOSU-TV	COLUMBUS OH	139.1	LIC	BMLET -
19851106KE					
34	WJAC-DT	JOHNSTOWN PA	198.1	PLN	DTVPLN -DTVP0952
34	WPBY-DT	HUNTINGTON WV	194.1	PLN	DTVPLN -DTVP0961
35	WDCA-DT	WASHINGTON DC	379.9	PLN	DTVPLN -DTVP0968
35	WKHA	HAZARD KY	362.0	LIC	BLET -
19810303KE					
35	WDCQ-TV	BAD AXE MI	422.7	LIC	BLET -
19870108KI					
35	WLWT-DT	CINCINNATI OH	297.0	PLN	DTVPLN -DTVP0988
35	WLIO	LIMA OH	251.4	LIC	BLCT -
19890519KE					
35	WRLH-TV	RICHMOND VA	423.4	CP	BPCT -
19960705KE					
36	WGPT	OAKLAND MD	186.9	LIC	BLET -
19940415KE					
36	WTTE-DT	COLUMBUS OH	139.1	PLN	DTVPLN -DTVP1029
36	WYTV-DT	YOUNGSTOWN OH	121.1	PLN	DTVPLN -DTVP1030
34	WJAC-DT	JOHNSTOWN PA	198.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
36	WGPT	OAKLAND MD	DTVPLN -NPLN1521

Stations Potentially Affecting This Station



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 29 of 32**

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
28	WLYJ-DT	CLARKSBURG WV	91.0	PLN	DTVPLN	-DTVP0734
29	WWCP-DT	JOHNSTOWN PA	87.3	PLN	DTVPLN	-DTVP0761
29	WVIRTV	CHARLOTTESVILLE VA	172.9	PLN	DTVPLN	-NPLN1369
33	WNPB-DT	MORGANTOWN WV	51.7	PLN	DTVPLN	-DTVP0923
34	WJAC-DT	JOHNSTOWN PA	110.8	PLN	DTVPLN	-DTVP0952
35	WDCA-DT	WASHINGTON DC	194.8	PLN	DTVPLN	-DTVP0968
35	WOUC-DT	CAMBRIDGE OH	186.9	PLN	DTVPLN	-DTVP0987
36	WTTG-DT	WASHINGTON DC	196.9	PLN	DTVPLN	-DTVP1006
36	WUNPTV	ROANOKE RAPIDS NC	368.9	PLN	DTVPLN	-NPLN1523
36	WMGM-DT	WILDWOOD NJ	390.9	PLN	DTVPLN	-DTVP1028
36	WENYTV	ELMIRA NY	363.0	PLN	DTVPLN	-NPLN1524
36	WTTE-DT	COLUMBUS OH	321.1	PLN	DTVPLN	-DTVP1029
36	WYTV-DT	YOUNGSTOWN OH	216.6	PLN	DTVPLN	-DTVP1030
36	WITF-DT	HARRISBURG PA	231.9	PLN	DTVPLN	-DTVP1032
36	WEFC-DT	ROANOKE VA	257.0	PLN	DTVPLN	-DTVP1036
38	WQED-DT	PITTSBURGH PA	129.2	PLN	DTVPLN	-DTVP1065
40	WPCBT	GREENSBURG PA	117.4	PLN	DTVPLN	-NPLN1593
43	WPGH-DT	PITTSBURGH PA	135.6	PLN	DTVPLN	-DTVP1240
44	WWPB-DT	HAGERSTOWN MD	116.7	PLN	DTVPLN	-DTVP1267
50	WBDCTV	WASHINGTON DC	201.4	PLN	DTVPLN	-NPLN1771
50	WPCB-DT	GREENSBURG PA	117.4	PLN	DTVPLN	-DTVP1459
51	WTAE-DT	PITTSBURGH PA	106.7	PLN	DTVPLN	-DTVP1490
51	WVPT	STAUNTON VA	137.7	PLN	DTVPLN	-NPLN1802

Results for: 36N MD OAKLAND	DTVPLN	NPLN1521	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	185877	7726.5	
not affected by terrain losses	97227	4897.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2520	237.1	
lost to all IX	2520	237.1	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	WGPT	OAKLAND MD	BLET	-19940415KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
28	WLYJ-DT	CLARKSBURG WV	91.0	PLN	DTVPLN	-DTVP0734
29	WWCP-DT	JOHNSTOWN PA	87.3	PLN	DTVPLN	-DTVP0761
29	WVIR-TV	CHARLOTTESVILLE VA	172.9	LIC	BLCT	-
19930210KE						
33	WNPB-DT	MORGANTOWN WV	51.7	PLN	DTVPLN	-DTVP0923
34	WJAC-DT	JOHNSTOWN PA	110.8	PLN	DTVPLN	-DTVP0952
35	WDCA-DT	WASHINGTON DC	194.8	PLN	DTVPLN	-DTVP0968
35	WOUC-DT	CAMBRIDGE OH	186.9	PLN	DTVPLN	-DTVP0987
36	WTTG-DT	WASHINGTON DC	196.9	PLN	DTVPLN	-DTVP1006
36	WUNP-TV	ROANOKE RAPIDS NC	368.9	LIC	BLET	-
19861120KI						
36	WMGM-DT	WILDWOOD NJ	390.9	PLN	DTVPLN	-DTVP1028
36	WTTE-DT	COLUMBUS OH	321.1	PLN	DTVPLN	-DTVP1029



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 30 of 32**

36	WYTV-DT	YOUNGSTOWN OH	216.6	PLN	DTVPLN	-DTVP1030
36	WITF-DT	HARRISBURG PA	231.9	PLN	DTVPLN	-DTVP1032
36	WEFC-DT	ROANOKE VA	257.0	PLN	DTVPLN	-DTVP1036
38	WQED-DT	PITTSBURGH PA	129.2	PLN	DTVPLN	-DTVP1065
43	WPGH-DT	PITTSBURGH PA	135.6	PLN	DTVPLN	-DTVP1240
44	WWPB-DT	HAGERSTOWN MD	116.7	PLN	DTVPLN	-DTVP1267
50	WBDC-TV	WASHINGTON DC	201.4	LIC	BLCT	-
19880519KI						
50	WPCB-DT	GREENSBURG PA	117.4	PLN	DTVPLN	-DTVP1459
51	WTAE-DT	PITTSBURGH PA	106.7	PLN	DTVPLN	-DTVP1490
34	WJAC-DT	JOHNSTOWN PA	110.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
34	WJAC-DT	JOHNSTOWN PA	DTVPLN	-DTVP0952

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WHMM-DT	WASHINGTON DC	224.3	PLN	DTVPLN	-DTVP0895
33	WYTV	YOUNGSTOWN OH	159.0	PLN	DTVPLN	-NPLN1456
33	WITFTV	HARRISBURG PA	179.1	PLN	DTVPLN	-NPLN1457
33	WNPB-DT	MORGANTOWN WV	100.2	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	226.9	PLN	DTVPLN	-DTVP0930
34	WMGCTV	BINGHAMTON NY	315.9	PLN	DTVPLN	-NPLN1477
34	WNYO-DT	BUFFALO NY	271.6	PLN	DTVPLN	-DTVP0948
34	WQHS-DT	CLEVELAND OH	254.7	PLN	DTVPLN	-DTVP0951
34	WOSUTV	COLUMBUS OH	335.0	PLN	DTVPLN	-NPLN1479
34	WYBE-DT	PHILADELPHIA PA	319.9	PLN	DTVPLN	-DTVP0953
34	WPBY-DT	HUNTINGTON WV	346.1	PLN	DTVPLN	-DTVP0961
35	WDCA-DT	WASHINGTON DC	224.3	PLN	DTVPLN	-DTVP0968
35	WOUC-DT	CAMBRIDGE OH	198.1	PLN	DTVPLN	-DTVP0987
35	WSEE	ERIE PA	206.2	PLN	DTVPLN	-NPLN1505

Results for: 34A PA JOHNSTOWN DTVPLN DTVP0952 PLN
HAAT 341.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3076404	33236.6
not affected by terrain losses	2768802	28097.1
lost to NTSC IX	25547	240.7
lost to additional IX by ATV	14587	541.6
lost to ATV IX only	23409	641.9
lost to all IX	40134	782.4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 31 of 32**

06 WJACTV JOHNSTOWN PA DTVPLN -NPLN0436

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	WTTG	WASHINGTON DC	226.2	PLN	DTVPLN	-NPLN0344
05	WDTV	WESTON WV	189.7	PLN	DTVPLN	-NPLN0389
06	WSYX	COLUMBUS OH	346.4	PLN	DTVPLN	-NPLN0433
06	WPVITV	PHILADELPHIA PA	319.7	PLN	DTVPLN	-NPLN0437
06	WTVRTV	RICHMOND VA	337.8	PLN	DTVPLN	-NPLN0448
06	WVVA	BLUEFIELD WV	395.2	PLN	DTVPLN	-NPLN0452

Results for:	6N PA JOHNSTOWN	DTVPLN	NPLN0436	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		3076404	33236.6	
not affected by terrain losses		2847397	29605.6	
lost to NTSC IX		169768	1283.9	
lost to additional IX by ATV		0	0.0	
lost to all IX		169768	1283.9	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	WJAC-DT	JOHNSTOWN PA	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
33	WHMM-DT	WASHINGTON DC	224.2	PLN	DTVPLN	-DTVP0895
33	WITF-TV	HARRISBURG PA	179.0	LIC	BMLET	-
19820217KH						
33	WNPB-DT	MORGANTOWN WV	100.2	PLN	DTVPLN	-DTVP0923
34	WUSA-DT	WASHINGTON DC	226.8	PLN	DTVPLN	-DTVP0930
34	WIVT	BINGHAMTON NY	315.9	LIC	BLCT	-
19871110KV						
34	WNYO-DT	BUFFALO NY	271.5	PLN	DTVPLN	-DTVP0948
34	WQHS-DT	CLEVELAND OH	254.7	PLN	DTVPLN	-DTVP0951
34	WOSU-TV	COLUMBUS OH	335.0	LIC	BMLET	-
19851106KE						
34	WYBE-DT	PHILADELPHIA PA	319.9	PLN	DTVPLN	-DTVP0953
34	WPBY-DT	HUNTINGTON WV	346.2	PLN	DTVPLN	-DTVP0961
35	WDCA-DT	WASHINGTON DC	224.2	PLN	DTVPLN	-DTVP0968
35	WOUC-DT	CAMBRIDGE OH	198.1	PLN	DTVPLN	-DTVP0987

Total scenarios = 1

Result key: 8
Scenario 1 Affected station 15
Before Analysis

Results for:	34A PA JOHNSTOWN	USERRECORD01	APP
HAAT	386.0 m, ATV ERP 1000.0 kW		
		POPULATION	AREA (sq km)
within Noise Limited Contour		2406513	29666.3



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**OET Bulletin 69 Interference Study
WJAC-DT, Johnstown, Pennsylvania**

**Exhibit 41
Page 32 of 32**

not affected by terrain losses	2100495	25096.4
lost to NTSC IX	29460	220.7
lost to additional IX by ATV	21118	517.6
lost to ATV IX only	34071	589.8
lost to all IX	50578	738.2

Potential Interfering Stations Included in above Scenario 1

34N NY BINGHAMTON	BLCT	19871110KV	LIC
34N OH COLUMBUS	BMLET	19851106KE	LIC
33A WV MORGANTOWN	DTVPLN	DTVP0923	PLN
34A DC WASHINGTON	DTVPLN	DTVP0930	PLN
34A NY BUFFALO	DTVPLN	DTVP0948	PLN
34A OH CLEVELAND	DTVPLN	DTVP0951	PLN

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