

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

Census data selected 2000

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

WEDHDT45 USERRECORD-01 NORWICH CT US  
Channel 45 ERP 465. kW HAAT 505. m RCAMSL 00604 m  
Latitude 041-42-13 Longitude 0072-49-57  
Status APP Zone 1 Border  
Dir Antenna Make CDB Model 00000000065933 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 meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	407.385	539.8	108.8
45.0	376.232	545.6	108.5
90.0	431.227	566.3	111.0
135.0	374.143	563.0	109.5
180.0	42.410	462.6	84.8
225.0	26.450	464.1	81.7
270.0	88.801	448.1	89.1
315.0	431.674	452.6	102.4

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 = 368.5km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
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# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

45

WEDHDT45 NORWICH CT

USERRECORD01

## Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WVIT	NEW BRITAIN CT	0.3	LIC	BLCT	-19791113LC
43	WSAH	BRIDGEPORT CT	44.6	LIC	BLCT	-20061116ACY
44	WGBX-TV	BOSTON MA	148.0	LIC	BLET	-20010103ABV
44	WNYW-DT	NEW YORK NY	148.0	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	143.4	CP MOD	BMPCDT	-19990402KI
45	WMEA-DT	BIDDEFORD ME	252.7	PLN	DTVPLN	-DTVP1302
45	WABC-DT	NEW YORK NY	148.0	PLN	DTVPLN	-DTVP1309
45	WROC-DT	ROCHESTER NY	421.0	PLN	DTVPLN	-DTVP1310
45	WCWN	SCHENECTADY NY	141.1	LIC	BLCT	-20040330AAX
45	WOLFTV	HAZLETON PA	259.5	LIC	BPRM	-20000413AAD
45	WOLF-TV	HAZLETON PA	259.5	LIC	BLCDDT	-20050906ACK
46	WHCT-DT	HARTFORD CT	8.4	PLN	DTVPLN	-DTVP1321
46	WWDP	NORWELL MA	151.1	LIC	BLCT	-19970116KE
46	WRNN-LP	NYACK NY	100.4	APP	BPTTA	-20060823ACV
48	WYDN	WORCESTER MA	102.1	LIC	BLET	-20001226AAM
49	WEDW	BRIDGEPORT CT	55.6	LIC	BLET	-19870908KE
49	WEDW	BRIDGEPORT CT	55.6	APP	BSTA	-20071220AAD
53	WEDN	NORWICH CT	58.9	LIC	BLET	-20060106ABO

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## Analysis of Interference to Affected Station 1

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
30	WVIT	NEW BRITAIN CT	DTVPLN	-NPLN1377

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WWLP	SPRINGFIELD MA	44.0	PLN	DTVPLN	-NPLN1144
22	WLIW-DT	GARDEN CITY NY	113.8	PLN	DTVPLN	-DTVP0499
23	WHSB-DT	MARLBOROUGH MA	134.1	PLN	DTVPLN	-DTVP0527
23	WXXATV	ALBANY NY	140.8	PLN	DTVPLN	-NPLN1184
23	WHSI-DT	SMITHTOWN NY	90.7	PLN	DTVPLN	-DTVP0537
26	WTEN-DT	ALBANY NY	141.7	PLN	DTVPLN	-DTVP0647
27	WUNI	WORCESTER MA	116.2	PLN	DTVPLN	-NPLN1306
27	WTBY-DT	POUGHKEEPSIE NY	96.6	PLN	DTVPLN	-DTVP0681
29	WUNI-DT	WORCESTER MA	116.2	PLN	DTVPLN	-DTVP0746
29	WFME-DT	WEST MILFORD NJ	131.0	PLN	DTVPLN	-DTVP0753
30	WBZ-DT	BOSTON MA	148.2	PLN	DTVPLN	-DTVP0791
30	NEW	CORNING NY	329.1	PLN	DTVPLN	-NPLN1385
30	WBIS-DT	NEW YORK NY	147.7	PLN	DTVPLN	-DTVP0794
30	WUTR-DT	UTICA NY	250.5	PLN	DTVPLN	-DTVP0795
30	WGCB-DT	RED LION PA	373.3	PLN	DTVPLN	-DTVP0800
31	WFXT-DT	BOSTON MA	149.2	PLN	DTVPLN	-DTVP0825
31	WBISTV	NEW YORK NY	147.7	PLN	DTVPLN	-NPLN1412
31	WNNETV	HARTFORD VT	196.2	PLN	DTVPLN	-NPLN1416
32	WEDH-DT	HARTFORD CT	8.5	PLN	DTVPLN	-DTVP0857
33	WFSB-DT	HARTFORD CT	8.6	PLN	DTVPLN	-DTVP0894
34	WTWS-DT	NEW LONDON CT	61.4	PLN	DTVPLN	-DTVP0929
34	WMHT-DT	SCHENECTADY NY	141.8	PLN	DTVPLN	-DTVP0949
44	WGBXTV	BOSTON MA	148.2	PLN	DTVPLN	-NPLN1664
45	WEDN-DT	NORWICH CT	58.8	PLN	DTVPLN	-DTVP1291
45	WMHQ	SCHENECTADY NY	141.5	PLN	DTVPLN	-NPLN1687

Results for: 30N CT NEW BRITAIN	DTVPLN	NPLN1377	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4511042	26441.3	
not affected by terrain losses	4141846	23021.4	
lost to NTSC IX	241025	816.7	

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

lost to additional IX by ATV	607544	4651.0
lost to all IX	848569	5467.7

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WVIT	NEW BRITAIN CT	BLCT -19791113LC

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WWLP	SPRINGFIELD MA	44.0	LIC	BLCT -19841128KJ
22	WLIW	GARDEN CITY NY	113.8	LIC	BLEDT -20031008ABF
22	WLIW-DT	GARDEN CITY NY	113.8	PLN	DTVPLN -DTVP0499
23	WUTF-TV	MARLBOROUGH MA	134.1	LIC	BLCDDT -20041122AIY
23	WHSB-DT	MARLBOROUGH MA	134.1	PLN	DTVPLN -DTVP0527
23	WXXA-TV	ALBANY NY	140.8	LIC	BLCT -20020314ABC
23	WFTY-TV	SMITHTOWN NY	90.7	LIC	BLCDDT -20030113ABS
23	WHSI-DT	SMITHTOWN NY	90.7	PLN	DTVPLN -DTVP0537
26	WTEN-DT	ALBANY NY	141.7	PLN	DTVPLN -DTVP0647
26	WTEN	ALBANY NY	141.4	LIC	BLCDDT -20060104ACC
27	WUNI	WORCESTER MA	116.1	LIC	BLCT -19991214ABC
27	WTBY-DT	POUGHKEEPSIE NY	96.6	PLN	DTVPLN -DTVP0681
27	WTBY-TV	POUGHKEEPSIE NY	95.7	LIC	BMLCDDT -20061031ACG
29	WUNI-DT	WORCESTER MA	116.2	PLN	DTVPLN -DTVP0746
29	WUNI	WORCESTER MA	116.1	CP MOD	BMPCDDT -20070308AFR
29	WFME-TV	WEST MILFORD NJ	156.3	LIC	BLEDT -20040712ACP
29	WFME-DT	WEST MILFORD NJ	131.0	PLN	DTVPLN -DTVP0753
30	WBZ-TV	BOSTON MA	148.2	LIC	BLCDDT -20060420ABG
30	WBZ-DT	BOSTON MA	148.2	PLN	DTVPLN -DTVP0791
30	NEW	NEWARK NJ	142.6	APP	BPRM -20070724ADC
30	WSKA	CORNING NY	329.1	CP	BPET -19960126KE
30	WSKA	CORNING NY	354.4	LIC	BLEDT -20060705ABL
30	WPXN-TV	NEW YORK NY	147.7	CP	BPCDDT -19991028ACH
30	WBIS-DT	NEW YORK NY	147.7	PLN	DTVPLN -DTVP0794
30	WPXN-TV	NEW YORK NY	143.2	STA	BDSTA -20030715ADF
30	WUTR-DT	UTICA NY	250.5	PLN	DTVPLN -DTVP0795
30	WGCB-DT	RED LION PA	373.3	PLN	DTVPLN -DTVP0800
30	WGCB-TV	RED LION PA	373.3	LIC	BLCDDT -20050615AAB
31	WTIC-TV	HARTFORD CT	0.3	CP MOD	BMPCDDT -20040616AAM
31	WFXT	BOSTON MA	149.2	CP	BPCDDT -19990526KH
31	WFXT-DT	BOSTON MA	149.2	PLN	DTVPLN -DTVP0825
31	WPXN-TV	NEW YORK NY	147.7	APP	BPCT -19961205KF
31	WPXN-TV	NEW YORK NY	147.7	LIC	BLCT -19860703KH
31	WNNE	HARTFORD VT	196.2	LIC	BLCT -20040212ACU
32	WEDH-DT	HARTFORD CT	8.5	PLN	DTVPLN -DTVP0857
33	WFSB	HARTFORD CT	8.6	LIC	BLCDDT -20041029AIL
33	WFSB-DT	HARTFORD CT	8.6	PLN	DTVPLN -DTVP0894
34	WHPX	NEW LONDON CT	61.4	LIC	BLCDDT -20060630ABZ
34	WTWS-DT	NEW LONDON CT	61.4	PLN	DTVPLN -DTVP0929
34	WMHT	SCHENECTADY NY	141.4	LIC	BLEDT -20040108ALV
34	WMHT-DT	SCHENECTADY NY	141.8	PLN	DTVPLN -DTVP0949
44	WGBX-TV	BOSTON MA	148.2	LIC	BLET -20010103ABV
45	WEDN	NORWICH CT	58.8	LIC	BLEDT -20030425AAL
45	WEDN-DT	NORWICH CT	58.8	PLN	DTVPLN -DTVP1291
45	WCWN	SCHENECTADY NY	141.4	LIC	BLCT -20040330AAX
45	WEDHDT45	NORWICH CT	0.3	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 2

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
43	WHAITV	BRIDGEPORT CT	DTVPLN -NPLN1636

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WVIT-DT	NEW BRITAIN CT	44.3	PLN	DTVPLN	-DTVP0967
36	WCDC-DT	ADAMS MA	141.8	PLN	DTVPLN	-DTVP1018
36	WNJU-DT	LINDEN NJ	104.5	PLN	DTVPLN	-DTVP1027
36	WSBETV	PROVIDENCE RI	145.0	PLN	DTVPLN	-NPLN1528
39	WEDY-DT	NEW HAVEN CT	17.6	PLN	DTVPLN	-DTVP1081
40	WGGBTV	SPRINGFIELD MA	105.1	PLN	DTVPLN	-NPLN1585
40	WXTV-DT	PATERSON NJ	100.0	PLN	DTVPLN	-DTVP1134
41	WXTV	PATERSON NJ	100.0	PLN	DTVPLN	-NPLN1606
42	WHAI-DT	BRIDGEPORT CT	0.0	PLN	DTVPLN	-DTVP1185
42	WHDH-DT	BOSTON MA	189.2	PLN	DTVPLN	-DTVP1197
43	WGBX-DT	BOSTON MA	187.7	PLN	DTVPLN	-DTVP1228
43	WNJT-DT	TRENTON NJ	178.7	PLN	DTVPLN	-DTVP1235
43	WMHQ-DT	SCHENECTADY NY	159.0	PLN	DTVPLN	-DTVP1237
43	WNYSTV	SYRACUSE NY	305.3	PLN	DTVPLN	-NPLN1644
43	WPMT	YORK PA	329.1	PLN	DTVPLN	-NPLN1647
43	WFFF-DT	BURLINGTON VT	352.5	PLN	DTVPLN	-DTVP1250
44	WGBXTV	BOSTON MA	187.7	PLN	DTVPLN	-NPLN1664
44	WNYW-DT	NEW YORK NY	104.5	PLN	DTVPLN	-DTVP1278
45	WEDN-DT	NORWICH CT	80.7	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	104.5	PLN	DTVPLN	-DTVP1309
46	WHCT-DT	HARTFORD CT	52.7	PLN	DTVPLN	-DTVP1321
47	WYDN-DT	WORCESTER MA	113.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	104.5	PLN	DTVPLN	-NPLN1721
50	WNJN	MONTCLAIR NJ	106.5	PLN	DTVPLN	-NPLN1779
51	WNJN-DT	MONTCLAIR NJ	106.5	PLN	DTVPLN	-DTVP1486
57	WGBYTV	SPRINGFIELD MA	105.1	PLN	DTVPLN	-NPLN1880
57	WLNY-DT	RIVERHEAD NY	54.2	PLN	DTVPLN	-DTVP1614
58	WGBY-DT	SPRINGFIELD MA	105.1	PLN	DTVPLN	-DTVP1625
58	WNJB	NEW BRUNSWICK NJ	142.8	PLN	DTVPLN	-NPLN1896

Results for: 43N CT BRIDGEPORT		DTVPLN	NPLN1636	PLN
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3196629	10802.3	
	not affected by terrain losses	2899894	9804.9	
	lost to NTSC IX	7094	24.0	
	lost to additional IX by ATV	123777	268.4	
	lost to all IX	130871	292.4	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WSAH	BRIDGEPORT CT	BLCT	-20061116ACY

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	WVIT	NEW BRITAIN CT	44.3	LIC	BLCDDT	-20041203AEF
35	WVIT-DT	NEW BRITAIN CT	44.3	PLN	DTVPLN	-DTVP0967
36	WCDC-DT	ADAMS MA	141.8	PLN	DTVPLN	-DTVP1018
36	WNJU-DT	LINDEN NJ	104.5	PLN	DTVPLN	-DTVP1027
36	WNJU	LINDEN NJ	100.0	CP	BPCDDT	-19991004ABJ
36	WSBE-TV	PROVIDENCE RI	145.0	LIC	BLET	-19860926KP
39	WCTX	NEW HAVEN CT	15.1	LIC	BLCDDT	-20040507AAZ
39	WEDY-DT	NEW HAVEN CT	17.6	PLN	DTVPLN	-DTVP1081
40	WGGB-TV	SPRINGFIELD MA	105.1	LIC	BLCT	-19990429KH
40	WXTV	PATERSON NJ	100.0	LIC	BLCDDT	-20050214AGS
40	WXTV-DT	PATERSON NJ	100.0	PLN	DTVPLN	-DTVP1134
41	WXTV	PATERSON NJ	100.0	LIC	BLCT	-20041122AIG
42	WSAH	BRIDGEPORT CT	0.0	LIC	BLCDDT	-20061218ACB
42	WHAI-DT	BRIDGEPORT CT	0.0	PLN	DTVPLN	-DTVP1185
42	WHDH-DT	BOSTON MA	189.2	PLN	DTVPLN	-DTVP1197
43	WGBX-TV	BOSTON MA	187.7	LIC	BLEDT	-20021219AAN
43	WGBX-DT	BOSTON MA	187.7	PLN	DTVPLN	-DTVP1228
43	WPXT-DR	PORTLAND ME	358.4	LIC	BPRM	-20000413AAB
43	WPXT	PORTLAND ME	358.4	LIC	BLCDDT	-20060714ABB
43	WNJT-DT	TRENTON NJ	178.7	PLN	DTVPLN	-DTVP1235

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

43	WMHQ-DT	SCHENECTADY NY	159.0	PLN	DTVPLN	-DTVP1237
43	WCWN	SCHENECTADY NY	158.8	LIC	BLCDDT	-20050623ABN
43	WNYS-TV	SYRACUSE NY	305.3	LIC	BLCT	-19961202LO
43	WPMT	YORK PA	329.1	LIC	BMLCT	-20041025ABJ
43	WFFF-DT	BURLINGTON VT	352.5	PLN	DTVPLN	-DTVP1250
44	WGBX-TV	BOSTON MA	187.7	LIC	BLET	-20010103ABV
44	WNYW-DT	NEW YORK NY	104.5	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	100.0	CP MOD	BMPCDDT	-19990402KI
45	WEDN	NORWICH CT	80.8	LIC	BLEDT	-20030425AAL
45	WEDN-DT	NORWICH CT	80.7	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	104.5	PLN	DTVPLN	-DTVP1309
46	WHCT-DT	HARTFORD CT	52.7	PLN	DTVPLN	-DTVP1321
47	WYDN-DT	WORCESTER MA	113.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	104.5	CP	BPCT	-19991028AAN
50	WNJN	MONTCLAIR NJ	106.5	LIC	BLET	-20061121ADH
51	WNYA	PITTSFIELD MA	127.9	LIC	BLCT	-20060120ABO
51	WNJN-DT	MONTCLAIR NJ	106.5	PLN	DTVPLN	-DTVP1486
51	WNJN	MONTCLAIR NJ	106.5	LIC	BLEDT	-20061121ADG
57	WGBY-TV	SPRINGFIELD MA	105.1	LIC	BLET	-19961101KE
57	WLNY-DT	RIVERHEAD NY	54.2	LIC	BLCDDT	-20060525AAB
57	WLNY-DT	RIVERHEAD NY	54.2	PLN	DTVPLN	-DTVP1614
58	WGBY-DT	SPRINGFIELD MA	105.1	PLN	DTVPLN	-DTVP1625
58	WNJB	NEW BRUNSWICK NJ	142.8	LIC	BMLET	-20070615AAW
45	WEDHDT45	NORWICH CT	44.6	APP	USERRECORD-01	

Total scenarios = 8

Result key: 6  
 Scenario 6 Affected station 2  
 Before Analysis

Results for: 43N CT BRIDGEPORT		BLCT	20061116ACY	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	2932136	10187.9		
not affected by terrain losses	2634710	9246.8		
lost to NTSC IX	4672	20.0		
lost to additional IX by ATV	190222	460.5		
lost to all IX	194894	480.6		

Potential Interfering Stations Included in above Scenario 6

43N PA YORK	BMLCT	20041025ABJ	LIC
57N MA SPRINGFIELD	BLET	19961101KE	LIC
35A CT NEW BRITAIN	BLCDDT	20041203AEF	LIC
39A CT NEW HAVEN	BLCDDT	20040507AAZ	LIC
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
43A MA BOSTON	DTVPLN	DTVP1228	PLN
43A NJ TRENTON	DTVPLN	DTVP1235	PLN
43A NY SCHENECTADY	DTVPLN	DTVP1237	PLN
44A NY NEW YORK	BMPCDDT	19990402KI	CP
46A CT HARTFORD	DTVPLN	DTVP1321	PLN

After Analysis

Results for: 43N CT BRIDGEPORT		BLCT	20061116ACY	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour	2932136	10187.9		
not affected by terrain losses	2634710	9246.8		
lost to NTSC IX	4672	20.0		
lost to additional IX by ATV	191361	476.6		
lost to all IX	196033	496.6		

Potential Interfering Stations Included in above Scenario 6

43N PA YORK	BMLCT	20041025ABJ	LIC
57N MA SPRINGFIELD	BLET	19961101KE	LIC
35A CT NEW BRITAIN	BLCDDT	20041203AEF	LIC
39A CT NEW HAVEN	BLCDDT	20040507AAZ	LIC

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42A CT BRIDGEPORT	BLCDT	20061218ACB	LIC
43A MA BOSTON	DTVPLN	DTVP1228	PLN
43A NJ TRENTON	DTVPLN	DTVP1235	PLN
43A NY SCHENECTADY	DTVPLN	DTVP1237	PLN
44A NY NEW YORK	BMPCDT	19990402KI	CP
46A CT HARTFORD	DTVPLN	DTVP1321	PLN
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.0388%

Worst case new IX 0.0388% Scenario 6

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## Analysis of Interference to Affected Station 3

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
44	WGBX-TV	BOSTON MA	DTVPLN	-NPLN1664

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WSBETV	PROVIDENCE RI	59.4	PLN	DTVPLN	-NPLN1528
40	WZBU-DT	VINEYARD HAVEN MA	100.9	PLN	DTVPLN	-DTVP1127
41	WLVI-DT	CAMBRIDGE MA	1.7	PLN	DTVPLN	-DTVP1162
42	WHDH-DT	BOSTON MA	1.7	PLN	DTVPLN	-DTVP1197
43	WHAITV	BRIDGEPORT CT	187.7	PLN	DTVPLN	-NPLN1636
43	WGBX-DT	BOSTON MA	0.0	PLN	DTVPLN	-DTVP1228
44	WCSH-DT	PORTLAND ME	177.3	PLN	DTVPLN	-DTVP1268
44	WNYW-DT	NEW YORK NY	291.5	PLN	DTVPLN	-DTVP1278
44	WVIATV	SCRANTON PA	404.2	PLN	DTVPLN	-NPLN1669
44	WFFFTV	BURLINGTON VT	277.2	PLN	DTVPLN	-NPLN1673
45	WEDN-DT	NORWICH CT	116.8	PLN	DTVPLN	-DTVP1291
45	WMEA-DT	BIDDEFORD ME	128.0	PLN	DTVPLN	-DTVP1302
46	WHRC	NORWELL MA	34.7	PLN	DTVPLN	-NPLN1703
47	WYDN-DT	WORCESTER MA	83.4	PLN	DTVPLN	-DTVP1362
48	WYDN	WORCESTER MA	83.4	PLN	DTVPLN	-NPLN1732
51	WPXT	PORTLAND ME	186.6	PLN	DTVPLN	-NPLN1796
51	WJAR-DT	PROVIDENCE RI	49.7	PLN	DTVPLN	-DTVP1492
52	WHRC-DT	NORWELL MA	34.7	PLN	DTVPLN	-DTVP1510
52	WEKWT	KEENE NH	122.5	PLN	DTVPLN	-NPLN1809
58	WGBY-DT	SPRINGFIELD MA	116.3	PLN	DTVPLN	-DTVP1625
58	WZBU	VINEYARD HAVEN MA	100.9	PLN	DTVPLN	-NPLN1894
59	WBNE	NEW HAVEN CT	172.8	PLN	DTVPLN	-NPLN1903
59	WMUR-DT	MANCHESTER NH	80.1	PLN	DTVPLN	-DTVP1655

Results for: 44N MA BOSTON	DTVPLN	NPLN1664	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6260332	17285.5	
not affected by terrain losses	6159266	16588.0	
lost to NTSC IX	155173	600.8	
lost to additional IX by ATV	296245	2213.6	
lost to all IX	451418	2814.4	

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WGBX-TV	BOSTON MA	BLET	-20010103ABV

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WSBE-TV	PROVIDENCE RI	59.4	LIC	BLET	-19860926KP
40	WDPX	VINEYARD HAVEN MA	100.9	LIC	BLCDT	-20040406AAF
40	WZBU-DT	VINEYARD HAVEN MA	100.9	PLN	DTVPLN	-DTVP1127
41	WLVI-TV	CAMBRIDGE MA	1.7	LIC	BLCDT	-20070212ABF

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

41	WLVI-DT	CAMBRIDGE MA	1.7	PLN	DTVPLN	-DTVP1162
42	WHDH-DT	BOSTON MA	1.7	PLN	DTVPLN	-DTVP1197
43	WSAH	BRIDGEPORT CT	187.7	LIC	BLCT	-20061116ACY
43	WGBX-TV	BOSTON MA	0.0	LIC	BLEDT	-20021219AAN
43	WGBX-DT	BOSTON MA	0.0	PLN	DTVPLN	-DTVP1228
43	WPXT-DR	PORTLAND ME	186.6	LIC	BPRM	-20000413AAB
43	WPXT	PORTLAND ME	186.6	LIC	BLCDDT	-20060714ABB
44	WCSH	PORTLAND ME	177.3	LIC	BLCDDT	-20050705AAH
44	WCSH-DT	PORTLAND ME	177.3	PLN	DTVPLN	-DTVP1268
44	WNYW-DT	NEW YORK NY	291.5	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	287.1	CP MOD	BMPCDDT	-19990402KI
44	WVIA-TV	SCRANTON PA	404.3	APP	BSTA	-20071218AAA
44	WVIA-TV	SCRANTON PA	404.2	LIC	BLET	-19830929KG
44	WFFF-TV	BURLINGTON VT	277.2	CP MOD	BMPCT	-19960212KG
45	WEDN	NORWICH CT	116.7	LIC	BLEDT	-20030425AAL
45	WEDN-DT	NORWICH CT	116.8	PLN	DTVPLN	-DTVP1291
45	WMEA-DT	BIDDEFORD ME	128.0	PLN	DTVPLN	-DTVP1302
46	WWDP	NORWELL MA	34.7	LIC	BLCT	-19970116KE
47	WYDN	WORCESTER MA	1.1	LIC	BLEDT	-20050505ABL
47	WYDN-DT	WORCESTER MA	83.4	PLN	DTVPLN	-DTVP1362
48	WYDN	WORCESTER MA	54.3	LIC	BLET	-20001226AAM
51	WNYA	PITTSFIELD MA	171.9	LIC	BLCT	-20060120ABO
51	WPXT	PORTLAND ME	186.6	LIC	BLCT	-19860925KG
51	WJAR-DT	PROVIDENCE RI	49.7	PLN	DTVPLN	-DTVP1492
52	WWDP	NORWELL MA	36.9	CP MOD	BMPCDDT	-20020208AAJ
52	WHRC-DT	NORWELL MA	34.7	PLN	DTVPLN	-DTVP1510
52	WWDP	NORWELL MA	35.1	LIC	BLCDDT	-20031015ABV
52	WEKW-TV	KEENE NH	122.5	LIC	BMLET	-20030618ABM
58	WGBY-DT	SPRINGFIELD MA	116.3	PLN	DTVPLN	-DTVP1625
58	WDPX	VINEYARD HAVEN MA	100.9	LIC	BLCT	-20031015ADO
59	WCTX	NEW HAVEN CT	172.8	LIC	BLCT	-19960918KE
59	WMUR-DT	MANCHESTER NH	80.1	PLN	DTVPLN	-DTVP1655
45	WEDHDT45	NORWICH CT	148.0	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 4

### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
44	WNYW-DT	NEW YORK NY	DTVPLN	-DTVP1278

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WHAITV	BRIDGEPORT CT	104.5	PLN	DTVPLN	-NPLN1636
43	WNJT-DT	TRENTON NJ	74.3	PLN	DTVPLN	-DTVP1235
43	WMHQ-DT	SCHENECTADY NY	212.9	PLN	DTVPLN	-DTVP1237
44	WDPB-DT	SEAFORD DE	266.4	PLN	DTVPLN	-DTVP1256
44	WGBXTV	BOSTON MA	291.5	PLN	DTVPLN	-NPLN1664
44	WWPB-DT	HAGERSTOWN MD	356.1	PLN	DTVPLN	-DTVP1267
44	WNYS-DT	SYRACUSE NY	301.5	PLN	DTVPLN	-DTVP1279
44	WVIATV	SCRANTON PA	164.5	PLN	DTVPLN	-NPLN1669
45	WEDN-DT	NORWICH CT	178.7	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	0.0	PLN	DTVPLN	-DTVP1309
45	WMHQ	SCHENECTADY NY	212.9	PLN	DTVPLN	-NPLN1687

Results for: 44A NY NEW YORK      DTVPLN      DTVP1278      PLN  
 HAAT 515.0 m, ATV ERP 225.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	20248186	31680.1
not affected by terrain losses	19852736	29516.2
lost to NTSC IX	96567	838.4
lost to additional IX by ATV	280831	515.0
lost to ATV IX only	289252	566.9

WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

lost to all IX 377398 1353.4

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	WNYW	NEW YORK NY	DTVPLN	-NPLN0368

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
05	WTIC-DT	HARTFORD CT	148.0	PLN	DTVPLN	-DTVP0019
05	WTTG	WASHINGTON DC	326.6	PLN	DTVPLN	-NPLN0344
05	WCVBTV	BOSTON MA	291.5	PLN	DTVPLN	-NPLN0353
05	WTVH	SYRACUSE NY	303.8	PLN	DTVPLN	-NPLN0370
06	WBNE-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0027
06	WRGB	SCHENECTADY NY	213.9	PLN	DTVPLN	-NPLN0432
06	WPVITV	PHILADELPHIA PA	127.7	PLN	DTVPLN	-NPLN0437

Results for:	5N NY NEW YORK	DTVPLN	NPLN0368	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		20248766	31688.1	
not affected by terrain losses		19927220	29983.3	
lost to NTSC IX		1316579	4739.0	
lost to additional IX by ATV		938483	2806.7	
lost to all IX		2255062	7545.7	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WNYW-DT	NEW YORK NY	DTVPLN	-DTVP1278

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WSAH	BRIDGEPORT CT	104.5	LIC	BLCT	-20061116ACY
43	WNJT-DT	TRENTON NJ	74.3	PLN	DTVPLN	-DTVP1235
43	WMHQ-DT	SCHENECTADY NY	212.9	PLN	DTVPLN	-DTVP1237
43	WCWN	SCHENECTADY NY	212.7	LIC	BLC DT	-20050623ABN
44	WDPB	SEAFORD DE	266.4	LIC	BLED T	-20050624AAK
44	WDPB-DT	SEAFORD DE	266.4	PLN	DTVPLN	-DTVP1256
44	WGBX-TV	BOSTON MA	291.5	LIC	BLET	-20010103ABV
44	WWPB	HAGERSTOWN MD	356.1	LIC	BLED T	-20031029ACE
44	WWPB-DT	HAGERSTOWN MD	356.1	PLN	DTVPLN	-DTVP1267
44	WWAC-TV	ATLANTIC CITY NJ	152.9	LIC	BPRM	-20000724ACE
44	WMCN-TV	ATLANTIC CITY NJ	130.1	LIC	BLC DT	-20060707ACS
44	WNYS-TV	SYRACUSE NY	301.5	LIC	BLC DT	-20060509AAQ
44	WNYS-DT	SYRACUSE NY	301.5	PLN	DTVPLN	-DTVP1279
44	WVIA-TV	SCRANTON PA	164.6	APP	BSTA	-20071218AAA
44	WVIA-TV	SCRANTON PA	164.5	LIC	BLET	-19830929KG
45	WEDN-DT	NORWICH CT	178.7	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	0.0	PLN	DTVPLN	-DTVP1309
45	WCWN	SCHENECTADY NY	212.7	LIC	BLCT	-20040330AAX
45	WOLFTV	HAZLETON PA	164.4	LIC	BPRM	-20000413AAD
45	WOLF-TV	HAZLETON PA	164.4	LIC	BLC DT	-20050906ACK
45	WEDHDT45	NORWICH CT	148.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 9  
 Scenario 1 Affected station 4  
 Before Analysis

Results for:	44A NY NEW YORK	DTVPLN	DTVP1278	PLN
HAAT	515.0 m, ATV ERP	225.0 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		20248186	31680.1	
not affected by terrain losses		19852736	29516.2	
lost to NTSC IX		94763	822.4	
lost to additional IX by ATV		490726	1808.6	



# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

lost to ATV IX only	543550	2251.7
lost to all IX	585489	2631.0

Potential Interfering Stations Included in above Scenario 1

43N CT BRIDGEPORT	BLCT	20061116ACY	LIC
44N MA BOSTON	BLET	20010103ABV	LIC
44N PA SCRANTON	BLET	19830929KG	LIC
43A NJ TRENTON	DTVPLN	DTVP1235	PLN
44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A MD HAGERSTOWN	BLEDT	20031029ACE	LIC
44A NJ ATLANTIC CITY	BPRM	20000724ACE	LIC
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC

After Analysis

Results for: 44A NY NEW YORK	DTVPLN	DTVP1278	PLN
HAAT 515.0 m, ATV ERP 225.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	20248186	31680.1	
not affected by terrain losses	19852736	29516.2	
lost to NTSC IX	94763	822.4	
lost to additional IX by ATV	490726	1808.6	
lost to ATV IX only	544930	2255.7	
lost to all IX	585489	2631.0	

Potential Interfering Stations Included in above Scenario 1

43N CT BRIDGEPORT	BLCT	20061116ACY	LIC
44N MA BOSTON	BLET	20010103ABV	LIC
44N PA SCRANTON	BLET	19830929KG	LIC
43A NJ TRENTON	DTVPLN	DTVP1235	PLN
44A DE SEAFORD	BLEDT	20050624AAK	LIC
44A MD HAGERSTOWN	BLEDT	20031029ACE	LIC
44A NJ ATLANTIC CITY	BPRM	20000724ACE	LIC
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WNYW	NEW YORK NY	BMPCDT	-19990402KI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WSAH	BRIDGEPORT CT	100.0	LIC	BLCT	-20061116ACY
43	WNJT-DT	TRENTON NJ	78.7	PLN	DTVPLN	-DTVP1235
43	WMHQ-DT	SCHENECTADY NY	208.8	PLN	DTVPLN	-DTVP1237
43	WCWN	SCHENECTADY NY	208.6	LIC	BLCDT	-20050623ABN
44	WDPB	SEAFORD DE	271.1	LIC	BLEDT	-20050624AAK
44	WDPB-DT	SEAFORD DE	271.1	PLN	DTVPLN	-DTVP1256
44	WGBX-TV	BOSTON MA	287.1	LIC	BLET	-20010103ABV
44	WWPB	HAGERSTOWN MD	359.6	LIC	BLEDT	-20031029ACE
44	WWPB-DT	HAGERSTOWN MD	359.6	PLN	DTVPLN	-DTVP1267
44	WWAC-TV	ATLANTIC CITY NJ	157.5	LIC	BPRM	-20000724ACE
44	WMCN-TV	ATLANTIC CITY NJ	134.8	LIC	BLCDT	-20060707ACS
44	WNYS-TV	SYRACUSE NY	299.6	LIC	BLCDT	-20060509AAQ
44	WNYS-DT	SYRACUSE NY	299.6	PLN	DTVPLN	-DTVP1279

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

44	WVIA-TV	SCRANTON PA	165.5	APP	BSTA	-20071218AAA
44	WVIA-TV	SCRANTON PA	165.4	LIC	BLET	-19830929KG
45	WEDN-DT	NORWICH CT	174.7	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	4.7	PLN	DTVPLN	-DTVP1309
45	WCWN	SCHENECTADY NY	208.6	LIC	BLCT	-20040330AAX
45	WOLFTV	HAZLETON PA	165.3	LIC	BPRM	-20000413AAD
45	WOLF-TV	HAZLETON PA	165.3	LIC	BLCDT	-20050906ACK
45	WEDHDT45	NORWICH CT	143.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 11  
Scenario 1 Affected station 5  
Before Analysis

Results for: 44A NY NEW YORK BMPCDT 19990402KI CP  
HAAT 367.0 m, ATV ERP 990.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19672132	27924.4
not affected by terrain losses	19334265	26063.6
lost to NTSC IX	111696	633.7
lost to additional IX by ATV	605473	1610.6
lost to ATV IX only	642016	1909.3
lost to all IX	717169	2244.3

Potential Interfering Stations Included in above Scenario 1

43N CT BRIDGEPORT	BLCT	20061116ACY	LIC
44N MA BOSTON	BLET	20010103ABV	LIC
44N PA SCRANTON	BLET	19830929KG	LIC
43A NJ TRENTON	DTVPLN	DTVP1235	PLN
44A NJ ATLANTIC CITY	BPRM	20000724ACE	LIC
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A NY NEW YORK	DTVPLN	DTVP1309	PLN

After Analysis

Results for: 44A NY NEW YORK BMPCDT 19990402KI CP  
HAAT 367.0 m, ATV ERP 990.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19672132	27924.4
not affected by terrain losses	19334265	26063.6
lost to NTSC IX	111696	633.7
lost to additional IX by ATV	605473	1610.6
lost to ATV IX only	642016	1909.3
lost to all IX	717169	2244.3

Potential Interfering Stations Included in above Scenario 1

43N CT BRIDGEPORT	BLCT	20061116ACY	LIC
44N MA BOSTON	BLET	20010103ABV	LIC
44N PA SCRANTON	BLET	19830929KG	LIC
43A NJ TRENTON	DTVPLN	DTVP1235	PLN
44A NJ ATLANTIC CITY	BPRM	20000724ACE	LIC
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 6

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

## DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
45	WMEA-DT	BIDDEFORD ME	DTVPLN -DTVP1302

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WGBXTV	BOSTON MA	128.0	PLN	DTVPLN -NPLN1664
44	WCSH-DT	PORTLAND ME	49.7	PLN	DTVPLN -DTVP1268
44	WFFFTV	BURLINGTON VT	202.7	PLN	DTVPLN -NPLN1673
45	WEDN-DT	NORWICH CT	238.7	PLN	DTVPLN -DTVP1291
45	WABC-DT	NEW YORK NY	400.7	PLN	DTVPLN -DTVP1309
45	WMHQ	SCHENECTADY NY	275.1	PLN	DTVPLN -NPLN1687
46	WHRC	NORWELL MA	155.9	PLN	DTVPLN -NPLN1703
46	WMTW-DT	POLAND SPRING ME	103.0	PLN	DTVPLN -DTVP1330

Results for: 45A ME BIDDEFORD DTVPLN DTVP1302 PLN

HAAT 244.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809799	13016.1
not affected by terrain losses	752919	12138.5
lost to NTSC IX	7674	148.3
lost to additional IX by ATV	25339	817.5
lost to ATV IX only	28637	881.6
lost to all IX	33013	965.8

## NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
26	WMEATV	BIDDEFORD ME	DTVPLN -NPLN1278

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WMFP-DT	LAWRENCE MA	119.5	PLN	DTVPLN -DTVP0307
19	WGBH-DT	BOSTON MA	128.0	PLN	DTVPLN -DTVP0356
23	WHSH-DT	MARLBOROUGH MA	127.9	PLN	DTVPLN -DTVP0527
24	WVTA-DT	WINDSOR VT	133.2	PLN	DTVPLN -DTVP0589
25	WFXT	BOSTON MA	128.3	PLN	DTVPLN -NPLN1247
25	WNNE-DT	HARTFORD VT	133.4	PLN	DTVPLN -DTVP0623
26	WTWS	NEW LONDON CT	249.9	PLN	DTVPLN -NPLN1268
26	WTEN-DT	ALBANY NY	273.7	PLN	DTVPLN -DTVP0647
27	WUNI	WORCESTER MA	141.3	PLN	DTVPLN -NPLN1306
28	WWLA-DT	LEWISTON ME	61.6	PLN	DTVPLN -DTVP0714
29	WUNI-DT	WORCESTER MA	141.3	PLN	DTVPLN -DTVP0746
30	WBZ-DT	BOSTON MA	128.0	PLN	DTVPLN -DTVP0791
33	WNBU-DT	CONCORD NH	49.2	PLN	DTVPLN -DTVP0909
33	WETK	BURLINGTON VT	202.7	PLN	DTVPLN -NPLN1461
34	WGOT-DT	MERRIMACK NH	79.8	PLN	DTVPLN -DTVP0946
40	WGGBTV	SPRINGFIELD MA	199.3	PLN	DTVPLN -NPLN1585
40	WEDBTB	BERLIN NH	111.1	PLN	DTVPLN -NPLN1589
41	WLVI-DT	CAMBRIDGE MA	128.3	PLN	DTVPLN -DTVP1162
41	WVTA	WINDSOR VT	133.2	PLN	DTVPLN -NPLN1612

Results for: 26N ME BIDDEFORD DTVPLN NPLN1278 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	809799	13016.1
not affected by terrain losses	736857	11741.7
lost to NTSC IX	20011	360.7
lost to additional IX by ATV	640	12.0
lost to all IX	20651	372.7

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	WMEA-DT	BIDDEFORD ME	DTVPLN -DTVP1302

### Stations Potentially Affecting This Station

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WGBX-TV	BOSTON MA	128.0	LIC	BLET	-20010103ABV
44	WCSH	PORTLAND ME	49.6	LIC	BLC DT	-20050705AAH
44	WCSH-DT	PORTLAND ME	49.7	PLN	DTVPLN	-DTVP1268
44	WFFF-TV	BURLINGTON VT	202.7	CP MOD	BMPCT	-19960212KG
45	WEDN-DT	NORWICH CT	238.7	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	400.7	PLN	DTVPLN	-DTVP1309
45	WCWN	SCHENECTADY NY	275.1	LIC	BLCT	-20040330AAX
46	WWDP	NORWELL MA	155.9	LIC	BLCT	-19970116KE
46	WMTW-DT	POLAND SPRING ME	103.0	PLN	DTVPLN	-DTVP1330
46	WMTW	POLAND SPRING ME	47.8	LIC	BLC DT	-20050607ADJ
45	WEDHDT45	NORWICH CT	252.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 16  
Scenario 4 Affected station 6  
Before Analysis

Results for: 45A ME BIDDEFORD DTVPLN DTVP1302 PLN  
HAAT 244.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809799	13016.1
not affected by terrain losses	752919	12138.5
lost to NTSC IX	6011	124.2
lost to additional IX by ATV	30585	861.6
lost to ATV IX only	31919	893.7
lost to all IX	36596	985.8

Potential Interfering Stations Included in above Scenario 4

45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A ME PORTLAND	DTVPLN	DTVP1268	PLN
46A ME POLAND SPRING	BLC DT	20050607ADJ	LIC
45A CT NORWICH	DTVPLN	DTVP1291	PLN

After Analysis

Results for: 45A ME BIDDEFORD DTVPLN DTVP1302 PLN  
HAAT 244.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	809799	13016.1
not affected by terrain losses	752919	12138.5
lost to NTSC IX	6011	124.2
lost to additional IX by ATV	33729	901.7
lost to ATV IX only	36422	981.8
lost to all IX	39740	1025.9

Potential Interfering Stations Included in above Scenario 4

45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A ME PORTLAND	DTVPLN	DTVP1268	PLN
46A ME POLAND SPRING	BLC DT	20050607ADJ	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.4367%

Worst case new IX 0.4367% Scenario 4

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Analysis of Interference to Affected Station 7

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
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WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

45      WABC-DT      NEW YORK NY      DTVPLN      -DTVP1309

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WNYW-DT	NEW YORK NY	0.0	PLN	DTVPLN	-DTVP1278
44	WVIATV	SCRANTON PA	164.5	PLN	DTVPLN	-NPLN1669
45	WEDN-DT	NORWICH CT	178.7	PLN	DTVPLN	-DTVP1291
45	WBFF	BALTIMORE MD	271.5	PLN	DTVPLN	-NPLN1682
45	WMEA-DT	BIDDEFORD ME	400.7	PLN	DTVPLN	-DTVP1302
45	WROC-DT	ROCHESTER NY	399.6	PLN	DTVPLN	-DTVP1310
45	WMHQ	SCHENECTADY NY	212.9	PLN	DTVPLN	-NPLN1687
46	WHCT-DT	HARTFORD CT	155.7	PLN	DTVPLN	-DTVP1321
46	WSKGT	BINGHAMTON NY	219.6	PLN	DTVPLN	-NPLN1705
46	WFMZ-DT	ALLENTOWN PA	121.5	PLN	DTVPLN	-DTVP1339

Results for: 45A NY NEW YORK      DTVPLN      DTVP1309      PLN  
 HAAT 491.0 m, ATV ERP 164.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19802797	28773.7
not affected by terrain losses	19463965	26833.3
lost to NTSC IX	44024	343.4
lost to additional IX by ATV	74574	275.5
lost to ATV IX only	87033	359.3
lost to all IX	118598	618.8

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
07	WABCTV	NEW YORK NY	DTVPLN	-NPLN0494

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WJLATV	WASHINGTON DC	326.8	PLN	DTVPLN	-NPLN0464
07	WHDHTV	BOSTON MA	292.9	PLN	DTVPLN	-NPLN0476
07	WBNG-DT	BINGHAMTON NY	220.3	PLN	DTVPLN	-DTVP0035
07	WNNYTV	CARTHAGE NY	387.0	PLN	DTVPLN	-NPLN0493
08	WTNH	NEW HAVEN CT	119.0	PLN	DTVPLN	-NPLN0525
08	WMBC-DT	NEWTON NJ	59.0	PLN	DTVPLN	-DTVP0043
08	WICZ-DT	BINGHAMTON NY	219.6	PLN	DTVPLN	-DTVP0046

Results for: 7N NY NEW YORK      DTVPLN      NPLN0494      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	19804141	28781.6
not affected by terrain losses	19358316	26246.4
lost to NTSC IX	706239	2275.7
lost to additional IX by ATV	48058	467.1
lost to all IX	754297	2742.8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WABC-DT	NEW YORK NY	DTVPLN	-DTVP1309

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WWAC-TV	ATLANTIC CITY NJ	152.9	LIC	BPRM	-20000724ACE
44	WMCN-TV	ATLANTIC CITY NJ	130.1	LIC	BLCDDT	-20060707ACS
44	WNYW-DT	NEW YORK NY	0.0	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	4.7	CP MOD	BMPCT	-19990402KI
44	WVIA-TV	SCRANTON PA	164.6	APP	BSTA	-20071218AAA
44	WVIA-TV	SCRANTON PA	164.5	LIC	BLET	-19830929KG
45	WEDN-DT	NORWICH CT	178.7	PLN	DTVPLN	-DTVP1291
45	WBFF	BALTIMORE MD	271.5	CP MOD	BMPCT	-20030116AAX
45	WMEA-DT	BIDDEFORD ME	400.7	PLN	DTVPLN	-DTVP1302
45	WROC-DT	ROCHESTER NY	399.6	PLN	DTVPLN	-DTVP1310
45	WCWN	SCHENECTADY NY	212.7	LIC	BLCT	-20040330AAX
45	WOLFTV	HAZLETON PA	164.4	LIC	BPRM	-20000413AAD

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

45	WOLF-TV	HAZLETON PA	164.4	LIC	BLCDDT	-20050906ACK
46	WHCT-DT	HARTFORD CT	155.7	PLN	DTVPLN	-DTVP1321
46	WSKG-TV	BINGHAMTON NY	220.1	LIC	BLET	-20040109ACN
46	WFMZ-TV	ALLENTOWN PA	121.4	LIC	BLCDDT	-20060621AAU
46	WFMZ-DT	ALLENTOWN PA	121.5	PLN	DTVPLN	-DTVP1339
45	WEDHDT45	NORWICH CT	148.0	APP	USERRECORD-01	

Total scenarios = 8

Result key: 17  
Scenario 1 Affected station 7  
Before Analysis

Results for: 45A NY NEW YORK DTVPLN DTVP1309 PLN  
HAAT 491.0 m, ATV ERP 164.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19802797	28773.7
not affected by terrain losses	19463965	26833.3
lost to NTSC IX	50573	423.2
lost to additional IX by ATV	167172	970.2
lost to ATV IX only	199282	1245.6
lost to all IX	217745	1393.4

Potential Interfering Stations Included in above Scenario 1

45N MD BALTIMORE	BMPCT	20030116AAX	CP
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A NJ ATLANTIC CITY	BLCDDT	20060707ACS	LIC
44A NY NEW YORK	DTVPLN	DTVP1278	PLN
45A PA HAZLETON	BPRM	20000413AAD	LIC
46A PA ALLENTOWN	BLCDDT	20060621AAU	LIC
45A CT NORWICH	DTVPLN	DTVP1291	PLN

After Analysis

Results for: 45A NY NEW YORK DTVPLN DTVP1309 PLN  
HAAT 491.0 m, ATV ERP 164.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	19802797	28773.7
not affected by terrain losses	19463965	26833.3
lost to NTSC IX	50573	423.2
lost to additional IX by ATV	391018	1593.0
lost to ATV IX only	426408	1912.4
lost to all IX	441591	2016.2

Potential Interfering Stations Included in above Scenario 1

45N MD BALTIMORE	BMPCT	20030116AAX	CP
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A NJ ATLANTIC CITY	BLCDDT	20060707ACS	LIC
44A NY NEW YORK	DTVPLN	DTVP1278	PLN
45A PA HAZLETON	BPRM	20000413AAD	LIC
46A PA ALLENTOWN	BLCDDT	20060621AAU	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 1.1571%

Worst case new IX 1.1571% Scenario 1

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Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
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WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

45 WROC-DT ROCHESTER NY DTVPLN -DTVP1310

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WNYS-DT	SYRACUSE NY	116.0	PLN	DTVPLN	-DTVP1279
45	WABC-DT	NEW YORK NY	399.6	PLN	DTVPLN	-DTVP1309
45	WMHQ	SCHENECTADY NY	296.4	PLN	DTVPLN	-NPLN1687
45	WNEO	ALLIANCE OH	369.9	PLN	DTVPLN	-NPLN1688
46	WSKGT	BINGHAMTON NY	180.0	PLN	DTVPLN	-NPLN1705
46	WNGS-DT	SPRINGVILLE NY	119.9	PLN	DTVPLN	-DTVP1334

Results for: 45A NY ROCHESTER DTVPLN DTVP1310 PLN  
HAAT 152.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1241911	21569.4
not affected by terrain losses	1225224	20889.8
lost to NTSC IX	1199	48.3
lost to additional IX by ATV	1489	48.3
lost to ATV IX only	1846	64.3
lost to all IX	2688	96.5

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
08	WROCTV	ROCHESTER NY	DTVPLN	-NPLN0556

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WBNG-DT	BINGHAMTON NY	179.3	PLN	DTVPLN	-DTVP0035
07	WKBWTV	BUFFALO NY	100.9	PLN	DTVPLN	-NPLN0492
07	WNNYTV	CARTHAGE NY	175.0	PLN	DTVPLN	-NPLN0493
08	WMBC-DT	NEWTON NJ	341.5	PLN	DTVPLN	-DTVP0043
08	WICZ-DT	BINGHAMTON NY	180.0	PLN	DTVPLN	-DTVP0046
08	WJWTV	CLEVELAND OH	392.9	PLN	DTVPLN	-NPLN0557
08	WWCPTV	JOHNSTOWN PA	353.2	PLN	DTVPLN	-NPLN0561
08	WGAL	LANCASTER PA	353.9	PLN	DTVPLN	-NPLN0562
09	WIXT	SYRACUSE NY	128.4	PLN	DTVPLN	-NPLN0616

Results for: 8N NY ROCHESTER DTVPLN NPLN0556 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1241911	21569.4
not affected by terrain losses	1199669	20194.2
lost to NTSC IX	55071	2255.9
lost to additional IX by ATV	17315	345.8
lost to all IX	72386	2601.7

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WROC-DT	ROCHESTER NY	DTVPLN	-DTVP1310

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WNYS-TV	SYRACUSE NY	116.0	LIC	BLCDT	-20060509AAQ
44	WNYS-DT	SYRACUSE NY	116.0	PLN	DTVPLN	-DTVP1279
45	WABC-DT	NEW YORK NY	399.6	PLN	DTVPLN	-DTVP1309
45	WCWN	SCHENECTADY NY	296.5	LIC	BLCT	-20040330AAX
45	WNEO	ALLIANCE OH	369.9	LIC	BMLET	-19891204KE
45	WOLFTV	HAZLETON PA	258.9	LIC	BPRM	-20000413AAD
45	WOLF-TV	HAZLETON PA	258.9	LIC	BLCDT	-20050906ACK
46	WSKG-TV	BINGHAMTON NY	179.5	LIC	BLET	-20040109ACN
46	900725KG	JAMESTOWN NY	181.9	APP	BPET	-19900725KG
46	WNGS	SPRINGVILLE NY	100.9	APP	BPCDT	-19991101AKN
46	WNGS-DT	SPRINGVILLE NY	119.9	PLN	DTVPLN	-DTVP1334
45	WEDHDT45	NORWICH CT	421.0	APP	USERRECORD-01	

Proposed station is beyond the site to

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

nearest cell evaluation distance

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## Analysis of Interference to Affected Station 9

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
45	WMHQ	SCHENECTADY NY	DTVPLN	-NPLN1687

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WOLFTV	SCRANTON PA	194.0	PLN	DTVPLN	-NPLN1549
43	WMHQ-DT	SCHENECTADY NY	0.0	PLN	DTVPLN	-DTVP1237
44	WNYS-DT	SYRACUSE NY	180.8	PLN	DTVPLN	-DTVP1279
45	WEDN-DT	NORWICH CT	195.6	PLN	DTVPLN	-DTVP1291
45	WMEA-DT	BIDDEFORD ME	275.1	PLN	DTVPLN	-DTVP1302
45	WABC-DT	NEW YORK NY	212.9	PLN	DTVPLN	-DTVP1309
45	WROC-DT	ROCHESTER NY	296.4	PLN	DTVPLN	-DTVP1310
46	WHCT-DT	HARTFORD CT	137.4	PLN	DTVPLN	-DTVP1321
46	WSKGTV	BINGHAMTON NY	171.0	PLN	DTVPLN	-NPLN1705
49	WEKW-DT	KEENE NH	141.4	PLN	DTVPLN	-DTVP1425
52	WEKWT	KEENE NH	141.4	PLN	DTVPLN	-NPLN1809
52	NEW	ITHACA NY	175.6	PLN	DTVPLN	-NPLN1811
59	WBNE	NEW HAVEN CT	159.9	PLN	DTVPLN	-NPLN1903
59	NEW	UTICA NY	111.0	PLN	DTVPLN	-NPLN1907
60	WGOT	MERRIMACK NH	201.5	PLN	DTVPLN	-NPLN1914

Results for: 45N NY SCHENECTADY	DTVPLN	NPLN1687	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1271888	17235.9	
not affected by terrain losses	1087483	13807.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4870	180.2	
lost to all IX	4870	180.2	

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WCWN	SCHENECTADY NY	BLCT	-20040330AAX

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WSWB	SCRANTON PA	193.9	LIC	BLCT	-19870831KF
43	WMHQ-DT	SCHENECTADY NY	0.2	PLN	DTVPLN	-DTVP1237
43	WCWN	SCHENECTADY NY	0.0	LIC	BLCDDT	-20050623ABN
44	WNYS-TV	SYRACUSE NY	180.9	LIC	BLCDDT	-20060509AAQ
44	WNYS-DT	SYRACUSE NY	180.9	PLN	DTVPLN	-DTVP1279
45	WEDN	NORWICH CT	195.4	LIC	BLEDT	-20030425AAL
45	WEDN-DT	NORWICH CT	195.5	PLN	DTVPLN	-DTVP1291
45	WMEA-DT	BIDDEFORD ME	275.1	PLN	DTVPLN	-DTVP1302
45	WABC-DT	NEW YORK NY	212.7	PLN	DTVPLN	-DTVP1309
45	WROC-DT	ROCHESTER NY	296.5	PLN	DTVPLN	-DTVP1310
45	WOLFTV	HAZLETON PA	222.1	LIC	BPRM	-20000413AAD
45	WOLF-TV	HAZLETON PA	222.1	LIC	BLCDDT	-20050906ACK
46	WHCT-DT	HARTFORD CT	137.3	PLN	DTVPLN	-DTVP1321
46	WSKG-TV	BINGHAMTON NY	170.9	LIC	BLET	-20040109ACN
48	WRNNTV	KINGSTON NY	126.4	APP	BPRM	-20000328AAV
48	WRNN-TV	KINGSTON NY	126.5	LIC	BLCDDT	-20040908AMF
49	WEKW-DT	KEENE NH	141.4	PLN	DTVPLN	-DTVP1425
52	WEKW-TV	KEENE NH	141.4	LIC	BMLET	-20030618ABM
52	WNYI	ITHACA NY	180.6	APP	BMPCT	-20011212AAT
52	WNYI	ITHACA NY	204.8	LIC	BLCT	-20021209AAA
59	WCTX	NEW HAVEN CT	159.7	LIC	BLCT	-19960918KE
59	960408KE	UTICA NY	111.2	APP	BPET	-19960408KE



# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

60	WNEU	MERRIMACK NH	201.5	LIC	BLCT	-20021213ABI
45	WEDHDT45	NORWICH CT	141.1	APP	USERRECORD-01	

Total scenarios = 2

Result key: 26  
Scenario 2 Affected station 9  
Before Analysis

Results for: 45N NY SCHENECTADY	BLCT	20040330AAX	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1345389	21311.2	
not affected by terrain losses	1155660	16821.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	6143	368.5	
lost to all IX	6143	368.5	

Potential Interfering Stations Included in above Scenario 2

45A ME BIDDEFORD	DTVPLN	DTVP1302	PLN
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A NY ROCHESTER	DTVPLN	DTVP1310	PLN
45A PA HAZLETON	BLCDDT	20050906ACK	LIC
45A CT NORWICH	DTVPLN	DTVP1291	PLN

After Analysis

Results for: 45N NY SCHENECTADY	BLCT	20040330AAX	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1345389	21311.2	
not affected by terrain losses	1155660	16821.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	13571	696.9	
lost to all IX	13571	696.9	

Potential Interfering Stations Included in above Scenario 2

45A ME BIDDEFORD	DTVPLN	DTVP1302	PLN
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A NY ROCHESTER	DTVPLN	DTVP1310	PLN
45A PA HAZLETON	BLCDDT	20050906ACK	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.5521%

Worst case new IX 0.5521% Scenario 2

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WOLFTV	HAZLETON PA	BPRM	-20000413AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WWAC-TV	ATLANTIC CITY NJ	190.9	LIC	BPRM	-20000724ACE
44	WMCN-TV	ATLANTIC CITY NJ	183.5	LIC	BLCDDT	-20060707ACS
44	WNYW-DT	NEW YORK NY	164.4	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	165.3	CP MOD	BMPCDDT	-19990402KI
44	WNYS-TV	SYRACUSE NY	190.6	LIC	BLCDDT	-20060509AAQ
44	WNYS-DT	SYRACUSE NY	190.6	PLN	DTVPLN	-DTVP1279
44	WVIA-TV	SCRANTON PA	0.3	APP	BSTA	-20071218AAA
44	WVIA-TV	SCRANTON PA	0.2	LIC	BLET	-19830929KG

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

45	WEDN-DT	NORWICH CT	311.1	PLN	DTVPLN	-DTVP1291
45	WBFF	BALTIMORE MD	215.7	CP MOD	BMPCT	-20030116AAX
45	WABC-DT	NEW YORK NY	164.4	PLN	DTVPLN	-DTVP1309
45	WROC-DT	ROCHESTER NY	258.9	PLN	DTVPLN	-DTVP1310
45	WCWN	SCHENECTADY NY	222.1	LIC	BLCT	-20040330AAX
45	WNEO	ALLIANCE OH	423.7	LIC	BMLET	-19891204KE
46	WBFF-DT	BALTIMORE MD	215.7	PLN	DTVPLN	-DTVP1329
46	WBFF	BALTIMORE MD	215.7	CP	BPCDT	-19980803KR
46	WSKG-TV	BINGHAMTON NY	97.8	LIC	BLET	-20040109ACN
46	WFMZ-TV	ALLENTOWN PA	77.7	LIC	BLCDT	-20060621AAU
46	WFMZ-DT	ALLENTOWN PA	77.6	PLN	DTVPLN	-DTVP1339
46	WKBS-TV	ALTOONA PA	226.6	LIC	BLCDT	-20060629ACS
46	WKBS-DT	ALTOONA PA	226.6	PLN	DTVPLN	-DTVP1340
45	WEDHDT45	NORWICH CT	259.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 27  
Scenario 1 Affected station 10  
Before Analysis

Results for: 45A PA HAZLETON BPRM 20000413AAD LIC  
HAAT 488.0 m, ATV ERP 546.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2922146	35218.8
not affected by terrain losses	2315450	29121.3
lost to NTSC IX	79758	1053.6
lost to additional IX by ATV	345555	1911.0
lost to ATV IX only	392218	2592.0
lost to all IX	425313	2964.6

Potential Interfering Stations Included in above Scenario 1

45N MD BALTIMORE	BMPCT	20030116AAX	CP
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
46N NY BINGHAMTON	BLET	20040109ACN	LIC
44A NY NEW YORK	DTVPLN	DTVP1278	PLN
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A NY ROCHESTER	DTVPLN	DTVP1310	PLN
46A PA ALLENTOWN	BLCDT	20060621AAU	LIC
45A CT NORWICH	DTVPLN	DTVP1291	PLN

After Analysis

Results for: 45A PA HAZLETON BPRM 20000413AAD LIC  
HAAT 488.0 m, ATV ERP 546.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2922146	35218.8
not affected by terrain losses	2315450	29121.3
lost to NTSC IX	79758	1053.6
lost to additional IX by ATV	345555	1911.0
lost to ATV IX only	392310	2596.0
lost to all IX	425313	2964.6

Potential Interfering Stations Included in above Scenario 1

45N MD BALTIMORE	BMPCT	20030116AAX	CP
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
46N NY BINGHAMTON	BLET	20040109ACN	LIC
44A NY NEW YORK	DTVPLN	DTVP1278	PLN
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A NY ROCHESTER	DTVPLN	DTVP1310	PLN
46A PA ALLENTOWN	BLCDT	20060621AAU	LIC
45A CT NORWICH	USERRECORD01		APP

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WOLF-TV	HAZLETON PA	BLCDT	-20050906ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WWAC-TV	ATLANTIC CITY NJ	190.9	LIC	BPRM	-20000724ACE
44	WMCN-TV	ATLANTIC CITY NJ	183.5	LIC	BLCDT	-20060707ACS
44	WNYW-DT	NEW YORK NY	164.4	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	165.3	CP MOD	BMPCDT	-19990402KI
44	WNYS-TV	SYRACUSE NY	190.6	LIC	BLCDT	-20060509AAQ
44	WNYS-DT	SYRACUSE NY	190.6	PLN	DTVPLN	-DTVP1279
44	WVIA-TV	SCRANTON PA	0.3	APP	BSTA	-20071218AAA
44	WVIA-TV	SCRANTON PA	0.2	LIC	BLET	-19830929KG
45	WEDN-DT	NORWICH CT	311.1	PLN	DTVPLN	-DTVP1291
45	WBFF	BALTIMORE MD	215.7	CP MOD	BMPCT	-20030116AAX
45	WABC-DT	NEW YORK NY	164.4	PLN	DTVPLN	-DTVP1309
45	WROC-DT	ROCHESTER NY	258.9	PLN	DTVPLN	-DTVP1310
45	WCWN	SCHENECTADY NY	222.1	LIC	BLCT	-20040330AAX
45	WNEO	ALLIANCE OH	423.7	LIC	BMLET	-19891204KE
46	WBFF-DT	BALTIMORE MD	215.7	PLN	DTVPLN	-DTVP1329
46	WBFF	BALTIMORE MD	215.7	CP	BPCDT	-19980803KR
46	WSKG-TV	BINGHAMTON NY	97.8	LIC	BLET	-20040109ACN
46	WFMZ-TV	ALLENTOWN PA	77.7	LIC	BLCDT	-20060621AAU
46	WFMZ-DT	ALLENTOWN PA	77.6	PLN	DTVPLN	-DTVP1339
46	WKBS-TV	ALTOONA PA	226.6	LIC	BLCDT	-20060629ACS
46	WKBS-DT	ALTOONA PA	226.6	PLN	DTVPLN	-DTVP1340
45	WEDHDT45	NORWICH CT	259.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 31  
Scenario 1 Affected station 11  
Before Analysis

Results for: 45A PA HAZLETON BLCDT 20050906ACK LIC  
HAAT 488.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2808750	33704.6
not affected by terrain losses	2250863	27731.3
lost to NTSC IX	83541	929.5
lost to additional IX by ATV	370409	1862.9
lost to ATV IX only	427136	2503.9
lost to all IX	453950	2792.4

Potential Interfering Stations Included in above Scenario 1

45N MD BALTIMORE	BMPCT	20030116AAX	CP
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
46N NY BINGHAMTON	BLET	20040109ACN	LIC
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A NY ROCHESTER	DTVPLN	DTVP1310	PLN
46A PA ALLENTOWN	BLCDT	20060621AAU	LIC
45A CT NORWICH	DTVPLN	DTVP1291	PLN

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

## After Analysis

Results for: 45A PA HAZLETON BLCDT 20050906ACK LIC  
HAAT 488.0 m, ATV ERP 420.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2808750	33704.6
not affected by terrain losses	2250863	27731.3
lost to NTSC IX	83541	929.5
lost to additional IX by ATV	370409	1862.9
lost to ATV IX only	427723	2515.9
lost to all IX	453950	2792.4

Potential Interfering Stations Included in above Scenario 1

45N MD BALTIMORE	BMPCT	20030116AAX	CP
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
46N NY BINGHAMTON	BLET	20040109ACN	LIC
44A NY SYRACUSE	BLCDT	20060509AAQ	LIC
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A NY ROCHESTER	DTVPLN	DTVP1310	PLN
46A PA ALLENTOWN	BLCDT	20060621AAU	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 12

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
46	WHCT-DT	HARTFORD CT	DTVPLN	-DTVP1321

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEDN-DT	NORWICH CT	59.8	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	155.7	PLN	DTVPLN	-DTVP1309
45	WMHQ	SCHENECTADY NY	137.4	PLN	DTVPLN	-NPLN1687
46	WHRC	NORWELL MA	146.8	PLN	DTVPLN	-NPLN1703
46	WBFF-DT	BALTIMORE MD	423.1	PLN	DTVPLN	-DTVP1329
46	WMTW-DT	POLAND SPRING ME	302.9	PLN	DTVPLN	-DTVP1330
46	WSKGTV	BINGHAMTON NY	261.8	PLN	DTVPLN	-NPLN1705
46	WFMZ-DT	ALLENTOWN PA	258.6	PLN	DTVPLN	-DTVP1339
47	WYDN-DT	WORCESTER MA	62.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	155.7	PLN	DTVPLN	-NPLN1721

Results for: 46A CT HARTFORD DTVPLN DTVP1321 PLN  
HAAT 299.0 m, ATV ERP 220.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3910128	21268.1
not affected by terrain losses	3724743	19386.6
lost to NTSC IX	90903	470.4
lost to additional IX by ATV	271649	1909.7
lost to ATV IX only	334366	2263.5
lost to all IX	362552	2380.1

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
18	WHCTTV	HARTFORD CT	DTVPLN	-NPLN1012

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

15	WNYT-DT	ALBANY NY	131.3	PLN	DTVPLN	-DTVP0183
17	WMHT	SCHENECTADY NY	137.7	PLN	DTVPLN	-NPLN0998
17	WOST-DT	BLOCK ISLAND RI	90.0	PLN	DTVPLN	-DTVP0279
18	WMFP-DT	LAWRENCE MA	157.5	PLN	DTVPLN	-DTVP0307
18	WNJB-DT	NEW BRUNSWICK NJ	191.6	PLN	DTVPLN	-DTVP0317
18	WETMTV	ELMIRA NY	338.5	PLN	DTVPLN	-NPLN1026
18	WNPITV	NORWOOD NY	345.0	PLN	DTVPLN	-NPLN1027
18	WVTB-DT	ST. JOHNSBURY VT	319.4	PLN	DTVPLN	-DTVP0332
19	WCDCTV	ADAMS MA	100.5	PLN	DTVPLN	-NPLN1045
19	WGBH-DT	BOSTON MA	142.1	PLN	DTVPLN	-DTVP0356
20	WTXX	WATERBURY CT	33.8	PLN	DTVPLN	-NPLN1070
21	WLIW	GARDEN CITY NY	122.4	PLN	DTVPLN	-NPLN1120
21	WRNN-DT	KINGSTON NY	112.8	PLN	DTVPLN	-DTVP0450
21	WSBE-DT	PROVIDENCE RI	110.1	PLN	DTVPLN	-DTVP0455
22	WWLP	SPRINGFIELD MA	35.4	PLN	DTVPLN	-NPLN1144
22	WLIW-DT	GARDEN CITY NY	122.4	PLN	DTVPLN	-DTVP0499
25	WFXT	BOSTON MA	143.2	PLN	DTVPLN	-NPLN1247
25	WNYETV	NEW YORK NY	151.1	PLN	DTVPLN	-NPLN1254
26	WTWS	NEW LONDON CT	63.9	PLN	DTVPLN	-NPLN1268
26	WTEN-DT	ALBANY NY	137.5	PLN	DTVPLN	-DTVP0647
32	WEDH-DT	HARTFORD CT	0.4	PLN	DTVPLN	-DTVP0857
33	WFSB-DT	HARTFORD CT	0.4	PLN	DTVPLN	-DTVP0894

Results for: 18N CT HARTFORD		DTVPLN	NPLN1012	PLN
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3908896	21256.0	
	not affected by terrain losses	3589147	18811.6	
	lost to NTSC IX	339006	1543.8	
	lost to additional IX by ATV	255481	1330.8	
	lost to all IX	594487	2874.6	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WHCT-DT	HARTFORD CT	DTVPLN	-DTVP1321

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEDN-DT	NORWICH CT	59.8	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	155.7	PLN	DTVPLN	-DTVP1309
45	WCWN	SCHENECTADY NY	137.3	LIC	BLCT	-20040330AAX
46	WWDP	NORWELL MA	146.8	LIC	BLCT	-19970116KE
46	WBFF-DT	BALTIMORE MD	423.1	PLN	DTVPLN	-DTVP1329
46	WBFF	BALTIMORE MD	423.1	CP	BPCDT	-19980803KR
46	WMTW-DT	POLAND SPRING ME	302.9	PLN	DTVPLN	-DTVP1330
46	WMTW	POLAND SPRING ME	283.9	LIC	BLCDDT	-20050607ADJ
46	WSKG-TV	BINGHAMTON NY	262.0	LIC	BLET	-20040109ACN
46	WFMZ-TV	ALLENTOWN PA	258.5	LIC	BLCDDT	-20060621AAU
46	WFMZ-DT	ALLENTOWN PA	258.6	PLN	DTVPLN	-DTVP1339
47	WYDN	WORCESTER MA	143.0	LIC	BLEDT	-20050505ABL
47	WYDN-DT	WORCESTER MA	62.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	155.7	CP	BPCT	-19991028AAN
45	WEDHDT45	NORWICH CT	8.4	APP	USERRECORD-01	

Total scenarios = 8

Result key: 37  
Scenario 5 Affected station 12  
Before Analysis

Results for: 46A CT HARTFORD		DTVPLN	DTVP1321	PLN
HAAT	299.0 m, ATV ERP	220.0 kW		
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	3910128	21268.1	
	not affected by terrain losses	3724743	19386.6	
	lost to NTSC IX	90907	470.4	
	lost to additional IX by ATV	178666	1017.2	

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

lost to ATV IX only	236549	1282.5
lost to all IX	269573	1487.6

Potential Interfering Stations Included in above Scenario 5

46N MA NORWELL	BLCT	19970116KE	LIC
46N NY BINGHAMTON	BLET	20040109ACN	LIC
47N NJ LINDEN	BPCT	19991028AAN	CP
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
46A ME POLAND SPRING	BLCDDT	20050607ADJ	LIC
46A PA ALLENTOWN	BLCDDT	20060621AAU	LIC
47A MA WORCESTER	BLEDT	20050505ABL	LIC
45A CT NORWICH	DTVPLN	DTVP1291	PLN

After Analysis

Results for: 46A CT HARTFORD	DTVPLN	DTVP1321	PLN
HAAT 299.0 m, ATV ERP 220.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	3910128	21268.1	
not affected by terrain losses	3724743	19386.6	
lost to NTSC IX	90907	470.4	
lost to additional IX by ATV	186792	1375.0	
lost to ATV IX only	241198	1616.2	
lost to all IX	277699	1845.4	

Potential Interfering Stations Included in above Scenario 5

46N MA NORWELL	BLCT	19970116KE	LIC
46N NY BINGHAMTON	BLET	20040109ACN	LIC
47N NJ LINDEN	BPCT	19991028AAN	CP
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
46A ME POLAND SPRING	BLCDDT	20050607ADJ	LIC
46A PA ALLENTOWN	BLCDDT	20060621AAU	LIC
47A MA WORCESTER	BLEDT	20050505ABL	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.2417%

Worst case new IX 0.2417% Scenario 5

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Analysis of Interference to Affected Station 13

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
46	WHRC	NORWELL MA	DTVPLN	-NPLN1703

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WSBKTV	BOSTON MA	33.4	PLN	DTVPLN	-NPLN1546
39	WSBK-DT	BOSTON MA	33.4	PLN	DTVPLN	-DTVP1091
42	WHDH-DT	BOSTON MA	34.2	PLN	DTVPLN	-DTVP1197
43	WGBX-DT	BOSTON MA	34.7	PLN	DTVPLN	-DTVP1228
44	WGBXTV	BOSTON MA	34.7	PLN	DTVPLN	-NPLN1664
45	WEDN-DT	NORWICH CT	107.8	PLN	DTVPLN	-DTVP1291
45	WMEA-DT	BIDDEFORD ME	155.9	PLN	DTVPLN	-DTVP1302
46	WHCT-DT	HARTFORD CT	146.8	PLN	DTVPLN	-DTVP1321
46	WMTW-DT	POLAND SPRING ME	250.2	PLN	DTVPLN	-DTVP1330
46	WSKGTV	BINGHAMTON NY	403.2	PLN	DTVPLN	-NPLN1705
46	WFMZ-DT	ALLENTOWN PA	400.2	PLN	DTVPLN	-DTVP1339
47	WYDN-DT	WORCESTER MA	96.9	PLN	DTVPLN	-DTVP1362
48	WYDN	WORCESTER MA	96.9	PLN	DTVPLN	-NPLN1732
49	WLNE-DT	NEW BEDFORD MA	49.0	PLN	DTVPLN	-DTVP1420

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

50	WNDS	DERRY NH	83.4	PLN	DTVPLN	-NPLN1778
53	WEDN	NORWICH CT	107.8	PLN	DTVPLN	-NPLN1821
54	WNAC-DT	PROVIDENCE RI	26.1	PLN	DTVPLN	-DTVP1555
60	WGOT	MERRIMACK NH	114.9	PLN	DTVPLN	-NPLN1914
61	WTICTV	HARTFORD CT	151.1	PLN	DTVPLN	-NPLN1922

Results for: 46N MA NORWELL

	POPULATION	AREA (sq km)	DTVPLN	NPLN1703	PLN
within Noise Limited Contour	2803894	6221.6			
not affected by terrain losses	2695979	6129.5			
lost to NTSC IX	734220	408.6			
lost to additional IX by ATV	226198	1181.8			
lost to all IX	960418	1590.5			

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WWDP	NORWELL MA	BLCT	-19970116KE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WSBK-TV	BOSTON MA	33.4	LIC	BLCT	-19910619KG
39	WSBK-TV	BOSTON MA	34.7	LIC	BLCDDT	-20021009AAF
39	WSBK-DT	BOSTON MA	33.4	PLN	DTVPLN	-DTVP1091
42	WHDH-DT	BOSTON MA	34.2	PLN	DTVPLN	-DTVP1197
43	WGBX-TV	BOSTON MA	34.7	LIC	BLEDT	-20021219AAN
43	WGBX-DT	BOSTON MA	34.7	PLN	DTVPLN	-DTVP1228
44	WGBX-TV	BOSTON MA	34.7	LIC	BLET	-20010103ABV
45	WEDN	NORWICH CT	107.7	LIC	BLEDT	-20030425AAL
45	WEDN-DT	NORWICH CT	107.8	PLN	DTVPLN	-DTVP1291
45	WMEA-DT	BIDDEFORD ME	155.9	PLN	DTVPLN	-DTVP1302
46	WHCT-DT	HARTFORD CT	146.8	PLN	DTVPLN	-DTVP1321
46	WMTW-DT	POLAND SPRING ME	250.2	PLN	DTVPLN	-DTVP1330
46	WMTW	POLAND SPRING ME	203.6	LIC	BLCDDT	-20050607ADJ
46	WSKG-TV	BINGHAMTON NY	403.3	LIC	BLET	-20040109ACN
46	WFMZ-TV	ALLENTOWN PA	400.2	LIC	BLCDDT	-20060621AAU
46	WFMZ-DT	ALLENTOWN PA	400.2	PLN	DTVPLN	-DTVP1339
47	WYDN	WORCESTER MA	34.0	LIC	BLEDT	-20050505ABL
47	WYDN-DT	WORCESTER MA	96.9	PLN	DTVPLN	-DTVP1362
48	WYDN	WORCESTER MA	75.6	LIC	BLET	-20001226AAM
49	WLNE-TV	NEW BEDFORD MA	26.0	LIC	BLCDDT	-20040930BBS
49	WLNE-DT	NEW BEDFORD MA	49.0	PLN	DTVPLN	-DTVP1420
50	WZMY-TV	DERRY NH	83.4	LIC	BLCT	-19831012KG
53	WEDN	NORWICH CT	107.7	LIC	BLET	-20060106ABO
54	WNAC-TV	PROVIDENCE RI	26.1	LIC	BLCDDT	-20041025AEL
54	WNAC-DT	PROVIDENCE RI	26.1	PLN	DTVPLN	-DTVP1555
60	WNEU	MERRIMACK NH	114.9	LIC	BLCT	-20021213ABI
61	WTIC-TV	HARTFORD CT	151.1	CP	BPCT	-20040907AAM
45	WEDHDT45	NORWICH CT	151.1	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

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WRNN-LP	NYACK NY	BPTTA	-20060823ACV

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WWOR-DT	SECAUCUS NJ	52.5	PLN	DTVPLN	-DTVP1058
39	WCTX	NEW HAVEN CT	75.9	LIC	BLCDDT	-20040507AAZ

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

39	WEDY-DT	NEW HAVEN CT	76.1	PLN	DTVPLN	-DTVP1081
42	WSAH	BRIDGEPORT CT	60.9	LIC	BLCDDT	-20061218ACB
42	WHAI-DT	BRIDGEPORT CT	60.9	PLN	DTVPLN	-DTVP1185
43	WNJT-DT	TRENTON NJ	122.9	PLN	DTVPLN	-DTVP1235
44	WNYW-DT	NEW YORK NY	52.5	PLN	DTVPLN	-DTVP1278
44	WNYW	NEW YORK NY	47.9	CP MOD	BMPCDT	-19990402KI
45	WABC-DT	NEW YORK NY	52.5	PLN	DTVPLN	-DTVP1309
46	WHCT-DT	HARTFORD CT	107.4	PLN	DTVPLN	-DTVP1321
46	WWDP	NORWELL MA	246.6	LIC	BLCT	-19970116KE
46	WBFF-DT	BALTIMORE MD	315.8	PLN	DTVPLN	-DTVP1329
46	WBFF	BALTIMORE MD	315.8	CP	BPCDDT	-19980803KR
46	WMTW	POLAND SPRING ME	388.6	LIC	BLCDDT	-20050607ADJ
46	WMBQ-CA	CRANFORD NJ	47.0	APP	BSTA	-20071228ACB
46	WSKG-TV	BINGHAMTON NY	206.0	LIC	BLET	-20040109ACN
46	WMBQ-CA	MANHATTAN NY	48.0	LIC	BLTTA	-20060110ABL
46	WFMZ-TV	ALLENTOWN PA	153.6	LIC	BLCDDT	-20060621AAU
46	WFMZ-DT	ALLENTOWN PA	153.6	PLN	DTVPLN	-DTVP1339
46	W46BL	ALLENTOWN-BETHLEHEM PA	153.6	LIC	BLTT	-19990325JE
47	WNJU	LINDEN NJ	52.5	CP	BPCT	-19991028AAN
48	WRNNTV	KINGSTON NY	39.8	APP	BPRM	-20000328AAV
48	WRNN-TV	KINGSTON NY	39.8	LIC	BLCDDT	-20040908AMF
53	WHSE-DT	NEWARK NJ	47.9	PLN	DTVPLN	-DTVP1533
53	WFUT-TV	NEWARK NJ	47.1	LIC	BLCDDT	-20040809AAX
61	WTIC-TV	HARTFORD CT	100.4	CP	BPCT	-20040907AAM
61	WNET-DT	NEWARK NJ	52.5	PLN	DTVPLN	-DTVP1667
45	WEDHDT45	NORWICH CT	100.4	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 15

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
48	WYDN	WORCESTER MA	DTVPLN	-NPLN1732

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WGGBTV	SPRINGFIELD MA	36.7	PLN	DTVPLN	-NPLN1585
41	WLVI-DT	CAMBRIDGE MA	84.7	PLN	DTVPLN	-DTVP1162
41	WVTA	WINDSOR VT	145.2	PLN	DTVPLN	-NPLN1612
45	WEDN-DT	NORWICH CT	69.3	PLN	DTVPLN	-DTVP1291
46	WHCT-DT	HARTFORD CT	62.8	PLN	DTVPLN	-DTVP1321
46	WHRC	NORWELL MA	96.9	PLN	DTVPLN	-NPLN1703
47	WYDN-DT	WORCESTER MA	0.0	PLN	DTVPLN	-DTVP1362
48	WLED-DT	LITTLETON NH	248.9	PLN	DTVPLN	-DTVP1397
48	WGTW	BURLINGTON NJ	344.0	PLN	DTVPLN	-NPLN1735
48	WYDC	CORNING NY	396.6	PLN	DTVPLN	-NPLN1737
49	WEDW	BRIDGEPORT CT	124.8	PLN	DTVPLN	-NPLN1748
49	WLNE-DT	NEW BEDFORD MA	104.9	PLN	DTVPLN	-DTVP1420
49	WEKW-DT	KEENE NH	99.7	PLN	DTVPLN	-DTVP1425
50	WNDS	DERRY NH	94.8	PLN	DTVPLN	-NPLN1778
51	WJAR-DT	PROVIDENCE RI	83.3	PLN	DTVPLN	-DTVP1492
52	WEDW-DT	BRIDGEPORT CT	124.8	PLN	DTVPLN	-DTVP1502
52	WHRC-DT	NORWELL MA	96.9	PLN	DTVPLN	-DTVP1510
52	WEKWT	KEENE NH	99.7	PLN	DTVPLN	-NPLN1809
55	WGGB-DT	SPRINGFIELD MA	36.7	PLN	DTVPLN	-DTVP1568
55	WOCD	AMSTERDAM NY	185.5	PLN	DTVPLN	-NPLN1852
55	WLNY	RIVERHEAD NY	149.9	PLN	DTVPLN	-NPLN1853
56	WLVT	CAMBRIDGE MA	84.7	PLN	DTVPLN	-NPLN1867
62	WMFP	LAWRENCE MA	98.7	PLN	DTVPLN	-NPLN1935
62	WRNNTV	KINGSTON NY	154.8	PLN	DTVPLN	-NPLN1944

Results for: 48N MA WORCESTER

DTVPLN	NPLN1732	PLN
POPULATION	AREA (sq km)	



# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

within Noise Limited Contour	4493261	22854.4
not affected by terrain losses	3999381	20177.4
lost to NTSC IX	246810	819.1
lost to additional IX by ATV	606510	1022.9
lost to all IX	853320	1841.9

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WYDN	WORCESTER MA	BLET	-20001226AAM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WGGB-TV	SPRINGFIELD MA	62.2	LIC	BLCT	-19990429KH
41	WLVI-TV	CAMBRIDGE MA	55.8	LIC	BLCDDT	-20070212ABF
41	WLVI-DT	CAMBRIDGE MA	55.8	PLN	DTVPLN	-DTVP1162
41	WVTA	WINDSOR VT	133.9	CP	BPET	-20020507AAG
45	WEDN	NORWICH CT	89.9	LIC	BLEDT	-20030425AAL
45	WEDN-DT	NORWICH CT	90.0	PLN	DTVPLN	-DTVP1291
46	WHCT-DT	HARTFORD CT	95.0	PLN	DTVPLN	-DTVP1321
46	WWDP	NORWELL MA	75.6	LIC	BLCT	-19970116KE
47	WYDN	WORCESTER MA	55.4	LIC	BLEDT	-20050505ABL
47	WYDN-DT	WORCESTER MA	32.4	PLN	DTVPLN	-DTVP1362
48	WLED-DT	LITTLETON NH	228.2	PLN	DTVPLN	-DTVP1397
48	WGTW-TV	BURLINGTON NJ	376.0	LIC	BLCT	-19920821KF
48	WRNNTV	KINGSTON NY	192.3	APP	BPRM	-20000328AAV
48	WRNN-TV	KINGSTON NY	192.4	LIC	BLCDDT	-20040908AMF
49	WEDW	BRIDGEPORT CT	156.1	LIC	BLET	-19870908KE
49	WEDW	BRIDGEPORT CT	156.1	APP	BSTA	-20071220AAD
49	WLNE-TV	NEW BEDFORD MA	70.1	LIC	BLCDDT	-20040930BBS
49	WLNE-DT	NEW BEDFORD MA	98.0	PLN	DTVPLN	-DTVP1420
49	WEKW-DT	KEENE NH	89.7	PLN	DTVPLN	-DTVP1425
50	WZMY-TV	DERRY NH	63.3	LIC	BLCT	-19831012KG
51	WNYA	PITTSFIELD MA	118.5	LIC	BLCT	-20060120ABO
51	WJAR-DT	PROVIDENCE RI	70.1	PLN	DTVPLN	-DTVP1492
52	WWDP	NORWELL MA	77.4	CP MOD	BMPCDDT	-20020208AAJ
52	WHRC-DT	NORWELL MA	75.6	PLN	DTVPLN	-DTVP1510
52	WWDP	NORWELL MA	73.7	LIC	BLCDDT	-20031015ABV
52	WEKW-TV	KEENE NH	89.7	LIC	BMLET	-20030618ABM
55	WGGB-DT	SPRINGFIELD MA	62.2	PLN	DTVPLN	-DTVP1568
55	WGGB-TV	SPRINGFIELD MA	62.2	LIC	BLCDDT	-20061204AHT
56	WLVI-TV	CAMBRIDGE MA	55.8	CP	BPCT	-20061103ABK
62	WMFP	LAWRENCE MA	69.0	LIC	BLCT	-19921231KE
45	WEDHDT45	NORWICH CT	102.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 16

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
49	WEDW	BRIDGEPORT CT	DTVPLN	-NPLN1748

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WXTV	PATERSON NJ	89.3	PLN	DTVPLN	-NPLN1606
42	WHAI-DT	BRIDGEPORT CT	11.1	PLN	DTVPLN	-DTVP1185
45	WEDN-DT	NORWICH CT	89.0	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	93.8	PLN	DTVPLN	-DTVP1309
46	WHCT-DT	HARTFORD CT	63.8	PLN	DTVPLN	-DTVP1321
47	WYDN-DT	WORCESTER MA	124.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	93.8	PLN	DTVPLN	-NPLN1721
48	WYDN	WORCESTER MA	124.8	PLN	DTVPLN	-NPLN1732
49	WLNE-DT	NEW BEDFORD MA	170.0	PLN	DTVPLN	-DTVP1420

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

49	WEKW-DT	KEENE NH	206.3	PLN	DTVPLN	-DTVP1425
49	WLEDTV	LITTLETON NH	361.6	PLN	DTVPLN	-NPLN1757
49	WACI-DT	ATLANTIC CITY NJ	206.3	PLN	DTVPLN	-DTVP1426
49	WGCBTV	RED LION PA	324.9	PLN	DTVPLN	-NPLN1760
49	WNEP-DT	SCRANTON PA	224.8	PLN	DTVPLN	-DTVP1429
50	WNJN	MONTCLAIR NJ	96.7	PLN	DTVPLN	-NPLN1779
50	WOCD-DT	AMSTERDAM NY	206.6	PLN	DTVPLN	-DTVP1453
51	WNJN-DT	MONTCLAIR NJ	96.7	PLN	DTVPLN	-DTVP1486
52	WEDW-DT	BRIDGEPORT CT	0.0	PLN	DTVPLN	-DTVP1502
53	WEDN	NORWICH CT	89.0	PLN	DTVPLN	-NPLN1821
53	WHSE-DT	NEWARK NJ	89.3	PLN	DTVPLN	-DTVP1533
56	WLVITV	CAMBRIDGE MA	198.8	PLN	DTVPLN	-NPLN1867
56	WCBS-DT	NEW YORK NY	93.8	PLN	DTVPLN	-DTVP1590
57	WGBYTV	SPRINGFIELD MA	115.9	PLN	DTVPLN	-NPLN1880
57	WLNY-DT	RIVERHEAD NY	48.0	PLN	DTVPLN	-DTVP1614
63	WMBCTV	NEWTON NJ	121.6	PLN	DTVPLN	-NPLN1954
64	WSWBTV	SCRANTON PA	212.6	PLN	DTVPLN	-NPLN1965
64	WNACTV	PROVIDENCE RI	170.3	PLN	DTVPLN	-NPLN1967

Results for: 49N CT BRIDGEPORT			DTVPLN	NPLN1748	PLN
			POPULATION	AREA (sq km)	
	within Noise Limited Contour		4034957	11298.7	
	not affected by terrain losses		3568757	10152.8	
	lost to NTSC IX		246378	492.8	
	lost to additional IX by ATV		428868	713.2	
	lost to all IX		675246	1206.0	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WEDW	BRIDGEPORT CT	BLET	-19870908KE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WXTV	PATERSON NJ	89.3	LIC	BLCT	-20041122AIG
42	WSAH	BRIDGEPORT CT	11.1	LIC	BLCDDT	-20061218ACB
42	WHAI-DT	BRIDGEPORT CT	11.1	PLN	DTVPLN	-DTVP1185
45	WEDN	NORWICH CT	89.0	LIC	BLEDT	-20030425AAL
45	WEDN-DT	NORWICH CT	89.0	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	93.8	PLN	DTVPLN	-DTVP1309
46	WHCT-DT	HARTFORD CT	63.8	PLN	DTVPLN	-DTVP1321
47	WYDN-DT	WORCESTER MA	124.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	93.8	CP	BPCT	-19991028AAN
48	WYDN	WORCESTER MA	156.1	LIC	BLET	-20001226AAM
48	WRNNTV	KINGSTON NY	67.7	APP	BPRM	-20000328AAV
48	WRNN-TV	KINGSTON NY	67.8	LIC	BLCDDT	-20040908AMF
49	WLNE-TV	NEW BEDFORD MA	170.8	LIC	BLCDDT	-20040930BBS
49	WLNE-DT	NEW BEDFORD MA	170.0	PLN	DTVPLN	-DTVP1420
49	WEKW-DT	KEENE NH	206.3	PLN	DTVPLN	-DTVP1425
49	WLED-TV	LITTLETON NH	361.5	LIC	BMLET	-20030725ACD
49	WWSI	ATLANTIC CITY NJ	208.0	LIC	BLCDDT	-20020812ABS
49	WACI-DT	ATLANTIC CITY NJ	206.3	PLN	DTVPLN	-DTVP1426
49	WGCB-TV	RED LION PA	324.9	LIC	BLCT	-19790419KG
49	WNEP-TV	SCRANTON PA	224.6	LIC	BLCDDT	-20020807AAF
49	WNEP-DT	SCRANTON PA	224.8	PLN	DTVPLN	-DTVP1429
50	WNJN	MONTCLAIR NJ	96.7	LIC	BLET	-20061121ADH
50	WYPX	AMSTERDAM NY	206.6	LIC	BLCDDT	-20040908ABO
50	WOCD-DT	AMSTERDAM NY	206.6	PLN	DTVPLN	-DTVP1453
51	WNYA	PITTSFIELD MA	136.5	LIC	BLCT	-20060120ABO
51	WNJN-DT	MONTCLAIR NJ	96.7	PLN	DTVPLN	-DTVP1486
51	WNJN	MONTCLAIR NJ	96.7	LIC	BLEDT	-20061121ADG
52	WEDW	BRIDGEPORT CT	0.0	LIC	BLEDT	-20030425AAK
52	WEDW-DT	BRIDGEPORT CT	0.0	PLN	DTVPLN	-DTVP1502
53	WEDN	NORWICH CT	89.0	LIC	BLET	-20060106ABO
53	WHSE-DT	NEWARK NJ	89.3	PLN	DTVPLN	-DTVP1533
53	WFUT-TV	NEWARK NJ	88.8	LIC	BLCDDT	-20040809AAX
56	WLVI-TV	CAMBRIDGE MA	198.8	CP	BPCT	-20061103ABK
56	WCBS-DT	NEW YORK NY	93.8	PLN	DTVPLN	-DTVP1590

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

57	WGBY-TV	SPRINGFIELD MA	115.9	LIC	BLET	-19961101KE
57	WLNY-DT	RIVERHEAD NY	48.0	LIC	BLCDDT	-20060525AAB
57	WLNY-DT	RIVERHEAD NY	48.0	PLN	DTVPLN	-DTVP1614
63	WMBC-TV	NEWTON NJ	121.4	CP	BPCT	-19980126KH
64	WQPX	SCRANTON PA	212.7	LIC	BLCT	-19980528KH
64	WNAC-TV	PROVIDENCE RI	170.3	LIC	BLCT	-19880418KF
45	WEDHDT45	NORWICH CT	55.6	APP	USERRECORD-01	

Total scenarios = 8

Result key: 41  
Scenario 1 Affected station 16  
Before Analysis

Results for: 49N CT BRIDGEPORT	BLET	19870908KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4034957	11298.7	
not affected by terrain losses	3568757	10152.8	
lost to NTSC IX	114477	204.3	
lost to additional IX by ATV	190142	396.7	
lost to all IX	304619	601.0	

Potential Interfering Stations Included in above Scenario 1

41N NJ PATERSON	BLCT	20041122AIG	LIC
47N NJ LINDEN	BPCT	19991028AAN	CP
50N NJ MONTCLAIR	BLET	20061121ADH	LIC
53N CT NORWICH	BLET	20060106ABO	LIC
63N NJ NEWTON	BPCT	19980126KH	CP
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN
48A NY KINGSTON	BLCDDT	20040908AMF	LIC
49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
49A NH KEENE	DTVPLN	DTVP1425	PLN
49A NJ ATLANTIC CITY	BLCDDT	20020812ABS	LIC
49A PA SCRANTON	BLCDDT	20020807AAF	LIC
53A NJ NEWARK	BLCDDT	20040809AAX	LIC

After Analysis

Results for: 49N CT BRIDGEPORT	BLET	19870908KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4034957	11298.7	
not affected by terrain losses	3568757	10152.8	
lost to NTSC IX	114477	204.3	
lost to additional IX by ATV	190142	396.7	
lost to all IX	304619	601.0	

Potential Interfering Stations Included in above Scenario 1

41N NJ PATERSON	BLCT	20041122AIG	LIC
47N NJ LINDEN	BPCT	19991028AAN	CP
50N NJ MONTCLAIR	BLET	20061121ADH	LIC
53N CT NORWICH	BLET	20060106ABO	LIC
63N NJ NEWTON	BPCT	19980126KH	CP
42A CT BRIDGEPORT	BLCDDT	20061218ACB	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN
48A NY KINGSTON	BLCDDT	20040908AMF	LIC
49A MA NEW BEDFORD	BLCDDT	20040930BBS	LIC
49A NH KEENE	DTVPLN	DTVP1425	PLN
49A NJ ATLANTIC CITY	BLCDDT	20020812ABS	LIC
49A PA SCRANTON	BLCDDT	20020807AAF	LIC
53A NJ NEWARK	BLCDDT	20040809AAX	LIC
45A CT NORWICH	USERRECORD01	APP	

Percent new IX = 0.0000%

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

Worst case new IX      0.0000% Scenario      1

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## Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	WEDW	BRIDGEPORT CT	BSTA	-20071220AAD

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WXTV	PATERSON NJ	89.3	LIC	BLCT	-20041122AIG
42	WSAH	BRIDGEPORT CT	11.1	LIC	BLCDDT	-20061218ACB
42	WHAI-DT	BRIDGEPORT CT	11.1	PLN	DTVPLN	-DTVP1185
45	WEDN	NORWICH CT	89.0	LIC	BLED	-20030425AAL
45	WEDN-DT	NORWICH CT	89.0	PLN	DTVPLN	-DTVP1291
45	WABC-DT	NEW YORK NY	93.8	PLN	DTVPLN	-DTVP1309
46	WHCT-DT	HARTFORD CT	63.8	PLN	DTVPLN	-DTVP1321
47	WYDN-DT	WORCESTER MA	124.8	PLN	DTVPLN	-DTVP1362
47	WNJU	LINDEN NJ	93.8	CP	BPCT	-19991028AAN
48	WYDN	WORCESTER MA	156.1	LIC	BLET	-20001226AAM
48	WRNNTV	KINGSTON NY	67.7	APP	BPRM	-20000328AAV
48	WRNN-TV	KINGSTON NY	67.8	LIC	BLCDDT	-20040908AMF
49	WLNE-TV	NEW BEDFORD MA	170.8	LIC	BLCDDT	-20040930BBS
49	WLNE-DT	NEW BEDFORD MA	170.0	PLN	DTVPLN	-DTVP1420
49	WEKW-DT	KEENE NH	206.3	PLN	DTVPLN	-DTVP1425
49	WLED-TV	LITTLETON NH	361.5	LIC	BMLET	-20030725ACD
49	WWSI	ATLANTIC CITY NJ	208.0	LIC	BLCDDT	-20020812ABS
49	WACI-DT	ATLANTIC CITY NJ	206.3	PLN	DTVPLN	-DTVP1426
49	WGCB-TV	RED LION PA	324.9	LIC	BLCT	-19790419KG
49	WNEP-TV	SCRANTON PA	224.6	LIC	BLCDDT	-20020807AAF
49	WNEP-DT	SCRANTON PA	224.8	PLN	DTVPLN	-DTVP1429
50	WNJN	MONTCLAIR NJ	96.7	LIC	BLET	-20061121ADH
50	WYPX	AMSTERDAM NY	206.6	LIC	BLCDDT	-20040908ABO
50	WOC-DT	AMSTERDAM NY	206.6	PLN	DTVPLN	-DTVP1453
51	WNYA	PITTSFIELD MA	136.5	LIC	BLCT	-20060120ABO
51	WNJN-DT	MONTCLAIR NJ	96.7	PLN	DTVPLN	-DTVP1486
51	WNJN	MONTCLAIR NJ	96.7	LIC	BLED	-20061121ADG
52	WEDW	BRIDGEPORT CT	0.0	LIC	BLED	-20030425AAK
52	WEDW-DT	BRIDGEPORT CT	0.0	PLN	DTVPLN	-DTVP1502
53	WEDN	NORWICH CT	89.0	LIC	BLET	-20060106ABO
53	WHSE-DT	NEWARK NJ	89.3	PLN	DTVPLN	-DTVP1533
53	WFUT-TV	NEWARK NJ	88.8	LIC	BLCDDT	-20040809AAX
56	WLVI-TV	CAMBRIDGE MA	198.8	CP	BPCT	-20061103ABK
56	WCBS-DT	NEW YORK NY	93.8	PLN	DTVPLN	-DTVP1590
57	WGBY-TV	SPRINGFIELD MA	115.9	LIC	BLET	-19961101KE
57	WLNY-DT	RIVERHEAD NY	48.0	LIC	BLCDDT	-20060525AAB
57	WLNY-DT	RIVERHEAD NY	48.0	PLN	DTVPLN	-DTVP1614
63	WMBC-TV	NEWTON NJ	121.4	CP	BPCT	-19980126KH
64	WQPX	SCRANTON PA	212.7	LIC	BLCT	-19980528KH
64	WNAC-TV	PROVIDENCE RI	170.3	LIC	BLCT	-19880418KF
45	WEDHDT45	NORWICH CT	55.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 18

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
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WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

53            WEDN            NORWICH CT            DTVPLN            -NPLN1821

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEDN-DT	NORWICH CT	0.0	PLN	DTVPLN	-DTVP1291
46	WHCT-DT	HARTFORD CT	59.8	PLN	DTVPLN	-DTVP1321
46	WHRC	NORWELL MA	107.8	PLN	DTVPLN	-NPLN1703
49	WLNE-DT	NEW BEDFORD MA	81.8	PLN	DTVPLN	-DTVP1420
51	WJAR-DT	PROVIDENCE RI	82.5	PLN	DTVPLN	-DTVP1492
52	WEDW-DT	BRIDGEPORT CT	89.0	PLN	DTVPLN	-DTVP1502
52	WHRC-DT	NORWELL MA	107.8	PLN	DTVPLN	-DTVP1510
52	WEKWT	KEENE NH	169.0	PLN	DTVPLN	-NPLN1809
53	WWACTV	ATLANTIC CITY NJ	306.3	PLN	DTVPLN	-NPLN1826
53	WHSE-DT	NEWARK NJ	174.7	PLN	DTVPLN	-DTVP1533
53	WCAX-DT	BURLINGTON VT	338.3	PLN	DTVPLN	-DTVP1540
54	WTBY	POUGHKEEPSIE NY	153.5	PLN	DTVPLN	-NPLN1843
54	WNAC-DT	PROVIDENCE RI	82.2	PLN	DTVPLN	-DTVP1555
55	WGGB-DT	SPRINGFIELD MA	89.6	PLN	DTVPLN	-DTVP1568
55	WLNY	RIVERHEAD NY	93.3	PLN	DTVPLN	-NPLN1853
56	WLVT	CAMBRIDGE MA	117.2	PLN	DTVPLN	-NPLN1867
57	WGBY-TV	SPRINGFIELD MA	89.6	PLN	DTVPLN	-NPLN1880
57	WLNY-DT	RIVERHEAD NY	93.3	PLN	DTVPLN	-DTVP1614
60	WGOT	MERRIMACK NH	169.6	PLN	DTVPLN	-NPLN1914
61	WTICTV	HARTFORD CT	58.9	PLN	DTVPLN	-NPLN1922
67	WHSITV	SMITHTOWN NY	96.0	PLN	DTVPLN	-NPLN1993
68	WABU	BOSTON MA	128.5	PLN	DTVPLN	-NPLN2001
68	WHSETV	NEWARK NJ	174.7	PLN	DTVPLN	-NPLN2003

Results for: 53N CT NORWICH

	DTVPLN	NPLN1821	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1638098	11115.5	
not affected by terrain losses	1008762	9739.2	
lost to NTSC IX	123420	173.6	
lost to additional IX by ATV	70439	306.7	
lost to all IX	193859	480.3	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
53	WEDN	NORWICH CT	BLET	-20060106ABO

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEDN	NORWICH CT	0.0	LIC	BLED	-20030425AAL
45	WEDN-DT	NORWICH CT	0.1	PLN	DTVPLN	-DTVP1291
46	WHCT-DT	HARTFORD CT	59.7	PLN	DTVPLN	-DTVP1321
46	WWDP	NORWELL MA	107.7	LIC	BLCT	-19970116KE
49	WLNE-TV	NEW BEDFORD MA	82.5	LIC	BLC	-20040930BBS
49	WLNE-DT	NEW BEDFORD MA	81.7	PLN	DTVPLN	-DTVP1420
51	WJAR-DT	PROVIDENCE RI	82.5	PLN	DTVPLN	-DTVP1492
52	WEDW	BRIDGEPORT CT	89.0	LIC	BLED	-20030425AAK
52	WEDW-DT	BRIDGEPORT CT	89.0	PLN	DTVPLN	-DTVP1502
52	WWDP	NORWELL MA	107.8	CP MOD	BMP	-20020208AAJ
52	WHRC-DT	NORWELL MA	107.7	PLN	DTVPLN	-DTVP1510
52	WWDP	NORWELL MA	104.4	LIC	BLC	-20031015ABV
52	WEKW-TV	KEENE NH	168.9	LIC	BMLET	-20030618ABM
53	WHSE-DT	NEWARK NJ	174.8	PLN	DTVPLN	-DTVP1533
53	WFUT-TV	NEWARK NJ	174.4	LIC	BLC	-20040809AAX
53	WCAX-DT	BURLINGTON VT	338.3	PLN	DTVPLN	-DTVP1540
54	WTBY-TV	POUGHKEEPSIE NY	153.6	LIC	BLCT	-19921016KF
54	WNAC-TV	PROVIDENCE RI	82.1	LIC	BLC	-20041025AEL
54	WNAC-DT	PROVIDENCE RI	82.1	PLN	DTVPLN	-DTVP1555
55	WGGB-DT	SPRINGFIELD MA	89.5	PLN	DTVPLN	-DTVP1568
55	WGGB-TV	SPRINGFIELD MA	89.5	LIC	BLC	-20061204AHT
56	WLVI-TV	CAMBRIDGE MA	117.1	CP	BPCT	-20061103ABK
57	WGBY-TV	SPRINGFIELD MA	89.5	LIC	BLET	-19961101KE
57	WLNY-DT	RIVERHEAD NY	93.3	LIC	BLC	-20060525AAB

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

57	WLNY-DT	RIVERHEAD NY	93.3	PLN	DTVPLN	-DTVP1614
60	WNEU	MERRIMACK NH	169.5	LIC	BLCT	-20021213ABI
61	WTIC-TV	HARTFORD CT	58.9	CP	BPCT	-20040907AAM
67	WFTY-TV	SMITHTOWN NY	96.1	LIC	BLCT	-19840314KE
68	WBPX	BOSTON MA	128.4	LIC	BLCT	-19910926KH
68	WFUT-TV	NEWARK NJ	174.8	CP	BPCT	-20030805AIL
45	WEDHDT45	NORWICH CT	58.9	APP	USERRECORD-01	

Total scenarios = 16

Result key: 49  
Scenario 1 Affected station 18  
Before Analysis

Results for: 53N CT NORWICH

	BLET	20060106ABO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1510430	10477.7	
not affected by terrain losses	890269	9230.5	
lost to NTSC IX	64693	177.6	
lost to additional IX by ATV	57522	266.4	
lost to all IX	122215	444.0	

Potential Interfering Stations Included in above Scenario 1

61N CT HARTFORD	BPCT	20040907AAM	CP
67N NY SMITHTOWN	BLCT	19840314KE	LIC
68N MA BOSTON	BLCT	19910926KH	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN
49A MA NEW BEDFORD	DTVPLN	DTVP1420	PLN
51A RI PROVIDENCE	DTVPLN	DTVP1492	PLN
52A CT BRIDGEPORT	BLEDT	20030425AAK	LIC
52A MA NORWELL	BMPCDT	20020208AAJ	CP
53A NJ NEWARK	DTVPLN	DTVP1533	PLN
53A VT BURLINGTON	DTVPLN	DTVP1540	PLN
54A RI PROVIDENCE	BLCDDT	20041025AEL	LIC

After Analysis

Results for: 53N CT NORWICH

	BLET	20060106ABO	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1510430	10477.7	
not affected by terrain losses	890269	9230.5	
lost to NTSC IX	64693	177.6	
lost to additional IX by ATV	57522	266.4	
lost to all IX	122215	444.0	

Potential Interfering Stations Included in above Scenario 1

61N CT HARTFORD	BPCT	20040907AAM	CP
67N NY SMITHTOWN	BLCT	19840314KE	LIC
68N MA BOSTON	BLCT	19910926KH	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN
49A MA NEW BEDFORD	DTVPLN	DTVP1420	PLN
51A RI PROVIDENCE	DTVPLN	DTVP1492	PLN
52A CT BRIDGEPORT	BLEDT	20030425AAK	LIC
52A MA NORWELL	BMPCDT	20020208AAJ	CP
53A NJ NEWARK	DTVPLN	DTVP1533	PLN
53A VT BURLINGTON	DTVPLN	DTVP1540	PLN
54A RI PROVIDENCE	BLCDDT	20041025AEL	LIC
45A CT NORWICH	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

## Analysis of Interference to Affected Station 19

### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
45	WEDN-DT	NORWICH CT	DTVPLN -DTVP1291

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WGBXTV	BOSTON MA	116.8	PLN	DTVPLN -NPLN1664
44	WNYW-DT	NEW YORK NY	178.7	PLN	DTVPLN -DTVP1278
45	WMEA-DT	BIDDEFORD ME	238.7	PLN	DTVPLN -DTVP1302
45	WABC-DT	NEW YORK NY	178.7	PLN	DTVPLN -DTVP1309
45	WMHQ	SCHENECTADY NY	195.6	PLN	DTVPLN -NPLN1687
46	WHCT-DT	HARTFORD CT	59.8	PLN	DTVPLN -DTVP1321
46	WHRC	NORWELL MA	107.8	PLN	DTVPLN -NPLN1703

Results for: 45A CT NORWICH DTVPLN DTVP1291 PLN  
HAAT 207.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1638098	11115.5
not affected by terrain losses	1553745	10861.3
lost to NTSC IX	105979	254.3
lost to additional IX by ATV	558471	932.3
lost to ATV IX only	653949	1142.2
lost to all IX	664450	1186.6

### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
53	WEDN	NORWICH CT	DTVPLN -NPLN1821

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WEDN-DT	NORWICH CT	0.0	PLN	DTVPLN -DTVP1291
46	WHCT-DT	HARTFORD CT	59.8	PLN	DTVPLN -DTVP1321
46	WHRC	NORWELL MA	107.8	PLN	DTVPLN -NPLN1703
49	WLNE-DT	NEW BEDFORD MA	81.8	PLN	DTVPLN -DTVP1420
51	WJAR-DT	PROVIDENCE RI	82.5	PLN	DTVPLN -DTVP1492
52	WEDW-DT	BRIDGEPORT CT	89.0	PLN	DTVPLN -DTVP1502
52	WHRC-DT	NORWELL MA	107.8	PLN	DTVPLN -DTVP1510
52	WEKWT	KEENE NH	169.0	PLN	DTVPLN -NPLN1809
53	WWACTV	ATLANTIC CITY NJ	306.3	PLN	DTVPLN -NPLN1826
53	WHSE-DT	NEWARK NJ	174.7	PLN	DTVPLN -DTVP1533
53	WCAX-DT	BURLINGTON VT	338.3	PLN	DTVPLN -DTVP1540
54	WTBY	POUGHKEEPSIE NY	153.5	PLN	DTVPLN -NPLN1843
54	WNAC-DT	PROVIDENCE RI	82.2	PLN	DTVPLN -DTVP1555
55	WGGB-DT	SPRINGFIELD MA	89.6	PLN	DTVPLN -DTVP1568
55	WLNY	RIVERHEAD NY	93.3	PLN	DTVPLN -NPLN1853
56	WLVT	CAMBRIDGE MA	117.2	PLN	DTVPLN -NPLN1867
57	WGBYTV	SPRINGFIELD MA	89.6	PLN	DTVPLN -NPLN1880
57	WLNY-DT	RIVERHEAD NY	93.3	PLN	DTVPLN -DTVP1614
60	WGOT	MERRIMACK NH	169.6	PLN	DTVPLN -NPLN1914
61	WTICTV	HARTFORD CT	58.9	PLN	DTVPLN -NPLN1922
67	WHSITV	SMITHTOWN NY	96.0	PLN	DTVPLN -NPLN1993
68	WABU	BOSTON MA	128.5	PLN	DTVPLN -NPLN2001
68	WHSETV	NEWARK NJ	174.7	PLN	DTVPLN -NPLN2003

Results for: 53N CT NORWICH DTVPLN NPLN1821 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	1638098	11115.5
not affected by terrain losses	1008762	9739.2
lost to NTSC IX	123420	173.6
lost to additional IX by ATV	70439	306.7
lost to all IX	193859	480.3

# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
45	WEDHDT45	NORWICH CT	USERRECORD-01

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WGBX-TV	BOSTON MA	148.0	LIC	BLET -20010103ABV
44	WNYW-DT	NEW YORK NY	148.0	PLN	DTVPLN -DTVP1278
44	WNYW	NEW YORK NY	143.4	CP MOD	BMPCT -19990402KI
45	WBFF	BALTIMORE MD	416.2	CP MOD	BMPCT -20030116AAX
45	WMEA-DT	BIDDEFORD ME	252.7	PLN	DTVPLN -DTVP1302
45	WABC-DT	NEW YORK NY	148.0	PLN	DTVPLN -DTVP1309
45	WROC-DT	ROCHESTER NY	421.0	PLN	DTVPLN -DTVP1310
45	WCWN	SCHENECTADY NY	141.1	LIC	BLCT -20040330AAX
45	WOLFTV	HAZLETON PA	259.5	LIC	BPRM -20000413AAD
45	WOLF-TV	HAZLETON PA	259.5	LIC	BLCDDT -20050906ACK
46	WHCT-DT	HARTFORD CT	8.4	PLN	DTVPLN -DTVP1321
46	WWDP	NORWELL MA	151.1	LIC	BLCT -19970116KE

Total scenarios = 4

Result key: 65  
Scenario 1 Affected station 19  
Before Analysis

Results for: 45A CT NORWICH USERRECORD01 APP  
HAAT 505.0 m, ATV ERP 465.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4780794	30757.2
not affected by terrain losses	4284267	27119.1
lost to NTSC IX	81555	956.8
lost to additional IX by ATV	477908	1700.5
lost to ATV IX only	539331	2150.7
lost to all IX	559463	2657.2

Potential Interfering Stations Included in above Scenario 1

44N MA BOSTON	BLET	20010103ABV	LIC
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A NY NEW YORK	DTVPLN	DTVP1278	PLN
45A ME BIDDEFORD	DTVPLN	DTVP1302	PLN
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A PA HAZLETON	BPRM	20000413AAD	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN

Result key: 66  
Scenario 2 Affected station 19  
Before Analysis

Results for: 45A CT NORWICH USERRECORD01 APP  
HAAT 505.0 m, ATV ERP 465.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4780794	30757.2
not affected by terrain losses	4284267	27119.1
lost to NTSC IX	81555	956.8
lost to additional IX by ATV	477342	1684.4
lost to ATV IX only	538765	2134.6
lost to all IX	558897	2641.2

Potential Interfering Stations Included in above Scenario 2

44N MA BOSTON	BLET	20010103ABV	LIC
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A NY NEW YORK	DTVPLN	DTVP1278	PLN
45A ME BIDDEFORD	DTVPLN	DTVP1302	PLN
45A NY NEW YORK	DTVPLN	DTVP1309	PLN



# WEDH-DT, Hartford, CT, OET-69 Results (Worst Case IX)

45A PA HAZLETON	BLCDT	20050906ACK	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN

Result key: 67  
Scenario 3 Affected station 19  
Before Analysis

Results for: 45A CT NORWICH USERRECORD01 APP  
HAAT 505.0 m, ATV ERP 465.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4780794	30757.2
not affected by terrain losses	4284267	27119.1
lost to NTSC IX	81555	956.8
lost to additional IX by ATV	479764	1712.5
lost to ATV IX only	541187	2162.8
lost to all IX	561319	2669.3

Potential Interfering Stations Included in above Scenario 3

44N MA BOSTON	BLET	20010103ABV	LIC
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A NY NEW YORK	BMPCDT	19990402KI	CP
45A ME BIDDEFORD	DTVPLN	DTVP1302	PLN
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A PA HAZLETON	BPRM	20000413AAD	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN

Result key: 68  
Scenario 4 Affected station 19  
Before Analysis

Results for: 45A CT NORWICH USERRECORD01 APP  
HAAT 505.0 m, ATV ERP 465.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4780794	30757.2
not affected by terrain losses	4284267	27119.1
lost to NTSC IX	81555	956.8
lost to additional IX by ATV	479198	1696.4
lost to ATV IX only	540621	2146.7
lost to all IX	560753	2653.2

Potential Interfering Stations Included in above Scenario 4

44N MA BOSTON	BLET	20010103ABV	LIC
45N NY SCHENECTADY	BLCT	20040330AAX	LIC
44A NY NEW YORK	BMPCDT	19990402KI	CP
45A ME BIDDEFORD	DTVPLN	DTVP1302	PLN
45A NY NEW YORK	DTVPLN	DTVP1309	PLN
45A PA HAZLETON	BLCDT	20050906ACK	LIC
46A CT HARTFORD	DTVPLN	DTVP1321	PLN

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