

ENGINEERING EXHIBIT

Application for Construction Permit New Replacement Digital Television Translator

prepared for

CBS Broadcasting Inc.
KDKA-TV Pittsburgh, PA
Replacement Digital Translator
Johnstown, PA Ch. 40 2.9 kW

CBS Broadcasting Inc. (“*CBS*”) is the licensee of television station KDKA-TV, Facility ID 25454, digital Channel 25 (pre-transition analog Ch. 2), Pittsburgh, PA. Pursuant to the procedures adopted in MB Docket 08-253,¹ *CBS* herein proposes to construct a new replacement digital television translator station on Channel 40 to aid in serving Johnstown, PA and vicinity.

Figure 1 depicts the 51 dBμ coverage contour of the proposed translator, along with the KDKA-TV licensed digital Channel 25 noise limited contour (BLCDT-20041004ACS) and the pre-transition analog Channel 2 Grade B contour (BLCT-20000420ABR). The digital Channel 25 noise-limited contour falls short of encompassing all of the analog Grade B contour area. The proposed digital translator facility’s contour will cover some of the areas that are predicted to lose service with KDKA-TV’s transition to digital (see DA 09-1274²).

A portion of the proposed digital translator’s service contour extends beyond the KDKA-TV Grade B contour. The directional antenna pattern has been oriented to minimize the contour extension. Without some minor extension, it would be impossible to place the translator’s service contour along the edge of the analog Grade B contour while filling in all loss areas at Johnstown, Somerset, and terrain-blocked areas in Westmoreland County.

¹Report and Order, *Amendment of Parts 73 and 74 of the Commission’s Rules to Establish Rules for Replacement Digital Low Power Television Translator Stations*, MB Docket 08-253, FCC 09-36, released May 8, 2009.

²Public Notice “*Commission Updates DTV Coverage Maps and List of Stations with 2 Percent or Greater Service Loss*,” June 5, 2009.

The proposed digital translator facility will employ a new antenna system to be side-mounted on an existing tower structure, associated with Antenna Structure Registration number 1032552. No change to the overall structure height is proposed. The maximum effective radiated power is 2.9 kW utilizing a directional antenna.

Detailed interference studies per OET Bulletin 69³ show that the proposal complies with the Commission's interference protection requirements toward all post-transition digital television, television translator, LPTV, and Class A stations. The results, summarized in **Table 1**, show that any new interference does not exceed the Commission's interference limits (0.5 percent to full power and Class A stations, and 2.0 percent to secondary stations).

Accordingly, the instant proposal complies with §§73.6012 – 73.6020 regarding interference protection to digital television, low power television, television translator, Class A television, and land mobile facilities.

The proposed site is located 259 km from the nearest U.S. – Canadian border. The worst-case 19.5 dBμ F(10,10) co-channel DTV-to-DTV interfering contour is depicted in **Figure 2** and does not extend across the U.S. – Canadian border. Thus it is believed that the instant proposal complies with all international agreements at this time.

The nearest FCC monitoring station is 260 km distant at Laurel, MD. This exceeds the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. The site is not located within the areas requiring coordination with “quiet” zones specified in §73.1030(a) and (b). There are no AM stations within 3.2 kilometers of the site, based on information contained within the Commission's database.

³FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 (“OET-69”). The implementation of OET-69 for this study followed the guidelines of OET-69 as specified therein. A cell size of 1 km was employed. Comparisons of various results of this computer program (run on a Sun Sparc processor) to the Commission's implementation of OET-69 show excellent correlation.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposed transmitting antenna will be side-mounted on an existing antenna support structure. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of §1.1306 of the FCC Rules.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. Based on OET-65 equation (10), and assuming 30 percent antenna relative field in downward elevations, the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $1.7 \mu\text{W}/\text{cm}^2$, which is 0.4 percent of the general population/uncontrolled maximum permitted exposure limit. This is well below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

The general public will not be exposed to RF levels attributable to the proposal in excess of the FCC's guidelines. RF exposure warning signs will continue to be posted. With respect to worker safety, the applicant will coordinate exposure procedures with all pertinent stations and will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic field exposure in excess of FCC guidelines.

Certification

The undersigned hereby certifies that the foregoing statement and associated attachments were prepared by him or under his direction, and that they are true and correct to the best of his knowledge and belief.



Joseph M. Davis, P.E.
June 29, 2009

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703-650-9600

List of Attachments

Figure 1	Coverage Contour Comparison
Table 1	Interference Analysis Results Summary
Figure 2	Interfering Contour to Canada
Form 346	Saved Version of Engineering Sections from FCC Form at Time of Upload

This material was entered June 29, 2009 for filing electronically. Since the FCC's electronic filing system may be accessed by anyone with the applicant's name and password, and electronic data may otherwise be altered in an unauthorized fashion, we cannot be responsible for changes made subsequent to our entry of this data and related attachments.

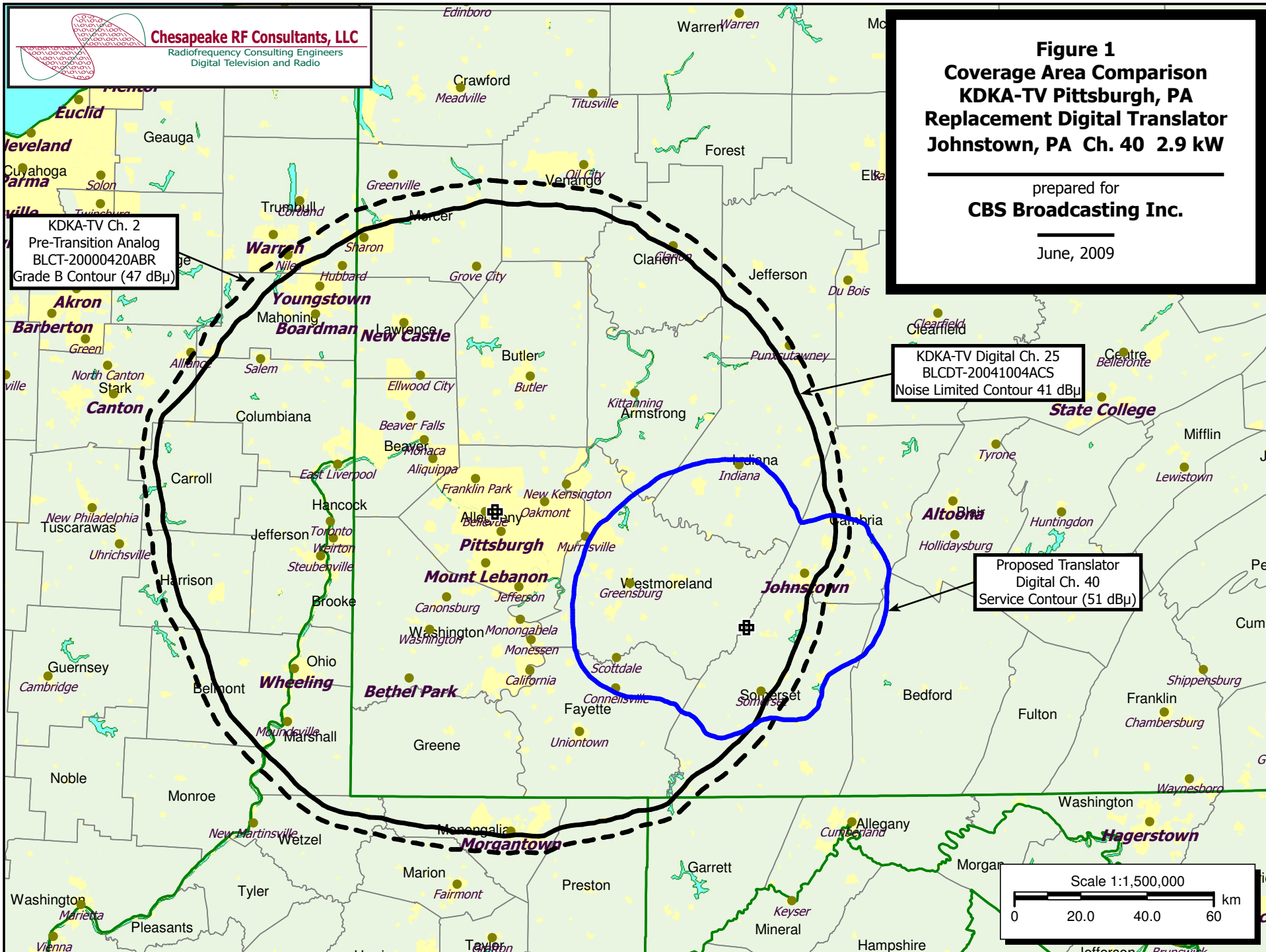


Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 1 of 39)

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-28-2009 Time: 15:45:35

Record Selected for Analysis

NEW-LD USERRECORD-01 JOHNSTOWN PA US
Channel 40 ERP 2.9 kW HAAT 330. m RCAMSL 00927 m STRINGENT MASK
Latitude 040-10-51 Longitude 0079-07-46
Status APP Zone 1 Border
Dir Antenna Make usr Model DIE_TLP-M Beam tilt N Ref Azimuth 325.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	2.662	376.9	49.9
45.0	2.170	308.4	45.4
90.0	0.573	355.4	40.0
135.0	0.148	316.5	30.8
180.0	0.162	296.7	30.7
225.0	1.373	104.7	31.2
270.0	2.888	414.7	51.6
315.0	2.354	470.3	52.1

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 259.2km

Proposed facility is beyond the Mexican coordination distance

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 2 of 39)

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
40	NEW-LD	JOHNSTOWN PA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WSSS-LP	STEUBENVILLE OH	125.5	LIC	BLTTL	-19980506JD
26	WMVH-CA	CHARLEROI PA	65.4	LIC	BLTTL	-19980727JG
32	WTOO-CA	ALTOONA PA	74.1	LIC	BLTTL	-19970819JD
32	WIIC-LP	PITTSBURGH PA	76.6	APP	BSTA	-20071219ABN
36	W36BE	STATE COLLEGE PA	120.5	LIC	BLTTL	-19901210JO
38	W38AN	CHAMBERSBURG PA	118.3	LIC	BLTT	-19890831IA
39	W43BP	CRESAPTOWN MD	69.5	CP	BDISDTT	-20060330ALB
39	WJAL	HAGERSTOWN MD	104.0	CP MOD	BMPCDT	-20081008ABR
39	W63AU	PITTSBURGH PA	60.1	APP	BDISDTL	-20090302AEI
39	W39BE	STATE COLLEGE PA	120.5	LIC	BLTTL	-19901210JN
39	W39BE	STATE COLLEGE PA	120.5	CP	BDFCDTT	-20060331BIU
39	W39BT	WILLIAMSPORT PA	203.2	LIC	BLTT	-19950109JC
39	W39BT	WILLIAMSPORT PA	203.2	CP	BDFCDTT	-20060331ANI
39	W39AD	CENT. ROCKINGHAM COUN VA	175.8	LIC	BLTT	-19840131IG
40	W40AZ	WILMINGTON DE	311.5	LIC	BLTT	-19931117JC
40	WNUV	BALTIMORE MD	231.7	LIC	BLCDT	-20051011AOI
40	NEW	DETROIT MI	405.2	APP	BDCCDTL	-20061027ACH
40	WDTB-LP	BUFFALO NY	300.7	STA	BSTA	-20021007ACT
40	WIXT-CA	DEWITT NY	402.9	APP	BDFCDTA	-20081117AAD
40	WIXT-CA	DEWITT NY	402.9	LIC	BLTTL	-19990125JC
40	WBGH-CA	ROCHESTER NY	353.6	LIC	BLTTL	-19971014JH
40	WRAP-CD	CLEVELAND OH	260.8	CP	BDCCDTL	-20061030AGC
40	WHIZ-TV	ZANESVILLE OH	244.6	CP MOD	BMPCDT	-20071022BPE
40	W40BS	RENOVO PA	170.9	CP	BDFCDTT	-20060331BJJ
40	W40BS	RENOVO PA	170.9	LIC	BLTT	-20051014ADV
40	W60AH	STROUDSBURG PA	344.2	CP	BDISDTT	-20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	250.5	LIC	BLDTL	-20090331ABV
40	WAZF-LD	FRONT ROYAL VA	136.9	CP	BDCCDTL	-20061027AHI
40	WYAT-LP	MARTINSVILLE VA	392.0	LIC	BLTTL	-20060508AAA
40	WYAT-LP	MARTINSVILLE VA	402.4	STA	BSTA	-20040806AGR
40	WYAT-LP	MARTINSVILLE VA	392.0	CP	BPTTL	-20070416AAE
40	WLFB	BLUEFIELD WV	377.6	CP	BPCDT	-20080317AIS
40	W40AS	MOOREFIELD WV	134.5	LIC	BLTT	-19910221JI
41	WKBN-TV	YOUNGSTOWN OH	160.7	CP	BPCDT	-19991025ACU
41	W41CF	ALTOONA PA	72.2	LIC	BLTT	-20000403ABN
41	W41AO	HAMPSHIRE, ETC. WV	105.0	LIC	BLTT	-19921006JH
41	W41DK-D	KEYSER WV	88.9	LIC	BLDTT	-20081020ANH
41	W41AA	WHEELING WV	138.6	LIC	BLTT	-1606
42	W42CK	HAGERSTOWN MD	131.3	LIC	BLTTL	-19991020AAP
43	W43BP	CRESAPTOWN MD	69.5	LIC	BLTT	-19981124JI
44	W44CF	CLARKSBURG WV	141.6	LIC	BLTT	-20060118AAF
47	W65CG	PITTSBURGH PA	72.7	CP MOD	BMPTT	-20040526ACB
48	WAZW-CA	WINCHESTER VA	136.3	LIC	BLTT	-19990105JC
48	W48AA	KEYSER WV	88.9	LIC	BLTT	-1615

Analysis of Interference to Affected Station 1

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 3 of 39)

Analysis of current record
Channel Call City/State Application Ref. No.
25 WSSS-LP STEUBENVILLE OH BLTTL -19980506JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WVPX-TV	AKRON OH	114.2	CP MOD	BMPCDT -20080619AEG
23	WVPX	AKRON OH	114.2	PLN	DTVPLN -DTVPO852
24	NEW	JOHNSTOWN PA	53.7	APP	BSFDTL -20060630DBZ
25	WZDC-CA	WASHINGTON DC	339.4	CP	BDFCDTA -20080804ACV
25	WGCE-CA	GREECE AND ROCHESTER NY	394.4	CP	BDISDTA -20080804AEV
25	WCPX-LP	COLUMBUS OH	210.0	APP	BMPDTL -20090331ADY
25	WCPX-LP	COLUMBUS OH	210.0	CP	BDISDTL -20080905AEC
25	WOHL-CA	LIMA OH	307.3	APP	BDFCDTA -20080815AAD
25	KDKA-TV	PITTSBURGH PA	50.3	LIC	BLCDT -20041004ACS
25	KDKA-TV	PITTSBURGH PA	50.3	PLN	DTVPLN -DTVPO928
25	W25AQ	TOWANDA PA	374.1	CP	BDFCDTT -20060320ADX
26	WQEX	PITTSBURGH PA	53.7	LIC	BLCDT -20040831ABW
26	W61CC	PITTSBURGH PA	53.7	APP	BDISDTL -20090303AAR
33	WNPB-TV	MORGANTOWN WV	102.5	CP MOD	BMPEDT -20080619ACQ
33	WNPB-TV	MORGANTOWN WV	102.5	PLN	DTVPLN -DTVPI239
33	WNPB-TV	MORGANTOWN WV	102.5	LIC	BLEDT -20040108AKW
39	WDLI-TV	CANTON OH	114.1	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	114.1	PLN	DTVPLN -DTVPI410
40	WHIZ-TV	ZANESVILLE OH	128.2	CP MOD	BMPCDT -20071022BPE
40	WHIZ-TV	ZANESVILLE OH	128.2	PLN	DTVPLN -DTVPI447
40	NEW-LD	JOHNSTOWN PA	125.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record
Channel Call City/State Application Ref. No.
26 WMVH-CA CHARLEROI PA BLTTL -19980727JG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WATM-TV	ALTOONA PA	132.6	LIC	BLCDT -20050603ACF
24	WATM-TV	ALTOONA PA	132.6	PLN	DTVPLN -DTVPO894
25	KDKA-TV	PITTSBURGH PA	42.5	LIC	BLCDT -20041004ACS
25	KDKA-TV	PITTSBURGH PA	42.5	PLN	DTVPLN -DTVPO928
26	WZDC-LD	WASHINGTON DC	274.8	APP	BDCCDTL -20061027ABW
26	WKAS	ASHLAND KY	298.3	LIC	BLEDT -20020404ABM
26	WKAS	ASHLAND KY	298.3	PLN	DTVPLN -DTVPO948
26	WHAG-TV	HAGERSTOWN MD	172.5	CP MOD	BMPCDT -20080619AJL
26	WHAG-TV	HAGERSTOWN MD	172.5	PLN	DTVPLN -DTVPO952
26	WNYB	JAMESTOWN NY	258.4	CP	BPCDT -20080313ACK
26	WNYB	JAMESTOWN NY	258.4	PLN	DTVPLN -DTVPO963
26	WNYB	JAMESTOWN NY	258.4	APP	BMPCDT -20080619AFD
26	WVIZ	CLEVELAND OH	206.1	CP MOD	BMPEDT -20080620AAF
26	WVIZ	CLEVELAND OH	206.0	PLN	DTVPLN -DTVPO964
26	WBDT	SPRINGFIELD OH	374.2	CP MOD	BMPCDT -20080619AKF

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 4 of 39)

26	WBDT	SPRINGFIELD OH	374.2	PLN	DTVPLN	-DTVPO965
26	W26CV	MANSFIELD PA	308.7	CP	BDFCDTT	-20060331BKG
26	WQEX	PITTSBURGH PA	36.3	LIC	BLCDT	-20040831ABW
26	W61CC	PITTSBURGH PA	36.3	APP	BDISDTL	-20090303AAR
26	W26CD	SCRANTON PA	384.3	CP	BDFCDTT	-20060328ADX
26	W26AT	WILLIAMSPORT PA	271.8	CP	BDFCDTT	-20060403ADG
26	NEW	HARRISONBURG VA	168.8	APP	BDCCDTL	-20061030AAB
26	WRLH-TV	RICHMOND VA	351.7	CP MOD	BMPCDT	-20040507ABE
26	WRLH-TV	RICHMOND VA	351.7	PLN	DTVPLN	-DTVPO976
26	WBRA-DR	ROANOKE VA	326.1	APP	BPRM	-20080620AOI
27	W69AO	MIILLERSBURG OH	202.8	APP	BDISDTT	-20080716AIL
27	WPCP-LP	NEW CASTLE PA	103.1	APP	BDISDTL	-20081215AAG
27	WHVL-LD	STATE COLLEGE, ETC. PA	184.9	LIC	BLDTL	-20090310ADQ
27	W23DR-D	ROMNEY WV	134.9	CP	BDCCDTT	-20061025AEE
33	WNPB-TV	MORGANTOWN WV	48.9	CP MOD	BMPEDT	-20080619ACQ
33	WNPB-TV	MORGANTOWN WV	48.9	PLN	DTVPLN	-DTVPI239
33	WNPB-TV	MORGANTOWN WV	48.9	LIC	BLEDT	-20040108AKW
34	WJAC-TV	JOHNSTOWN PA	82.3	CP	BPCDT	-20080619ADU
34	WJAC-TV	JOHNSTOWN PA	82.3	PLN	DTVPLN	-DTVPI268
34	WJAC-TV	JOHNSTOWN PA	82.3	LIC	BLCDT	-20051123AKN
41	WKBN-TV	YOUNGSTOWN OH	121.5	CP	BPCDT	-19991025ACU
41	WKBN-TV	YOUNGSTOWN OH	121.5	PLN	DTVPLN	-DTVPI481
41	W41DK-D	KEYSER WV	108.0	LIC	BLDTT	-20081020ANH
40	NEW-LD	JOHNSTOWN PA	65.4	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

Analysis of current record
Channel Call City/State Application Ref. No.
32 WTOO-CA ALTOONA PA BLTTL -19970819JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WATM-TV	ALTOONA PA	11.8	LIC	BLCDT -20050603ACF
24	WATM-TV	ALTOONA PA	11.8	PLN	DTVPLN -DTVPO894
25	KDKA-TV	PITTSBURGH PA	140.9	LIC	BLCDT -20041004ACS
25	KDKA-TV	PITTSBURGH PA	140.9	PLN	DTVPLN -DTVPO928
29	WQMY	WILLIAMSPORT PA	130.4	CP MOD	BMPCDT -20081113AEW
29	WQMY	WILLIAMSPORT PA	129.9	PLN	DTVPLN -DTVPI086
31	W29CO	SHARON PA	193.6	APP	BDISDTL -20090330ACQ
32	WRZB-LD	WASHINGTON DC	203.4	CP	BDCCDTL -20061013AEE
32	W32DN-D	SALISBURY MD	285.6	CP	BDCCDTL -20061030APP
32	WNLO	BUFFALO NY	286.5	LIC	BLCDT -20070320AAV
32	WNLO	BUFFALO NY	286.5	PLN	DTVPLN -DTVPI190
32	W52DS	YOUNGSTOWN OH	211.4	APP	BDISDTT -20060328AKM
32	WTAJ-TV	ALTOONA PA	11.6	PLN	DTVPLN -DTVPI191
32	WTAJ-TV	ALTOONA PA	11.6	LIC	BLCDT -20051018ACE
32	W32DH-D	ERIE PA	225.8	APP	BDISDTL -20081028AAH
32	W32DH-D	ERIE PA	223.8	APP	BPDTL -20090422AAY
32	W32DH-D	ERIE PA	223.8	LIC	BLDTL -20090409ADE
32	WPSG	PHILADELPHIA PA	268.9	LIC	BLCDT -20021025AAS
32	WPSG	PHILADELPHIA PA	268.9	PLN	DTVPLN -DTVPI192
32	WPSG	PHILADELPHIA PA	268.9	CP	BPCDT -20080616ABE
32	WIIC-LP	PITTSBURGH PA	136.4	APP	BSTA -20071219ABN

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 39)

32	WQPX-TV	SCRANTON PA	244.3	LIC	BLCDT	-20060629AFR
32	WQPX	SCRANTON PA	244.3	PLN	DTVPLN	-DTVPI193
32	WVIR-TV	CHARLOTTESVILLE VA	278.5	LIC	BLCDT	-20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	278.5	PLN	DTVPLN	-DTVPI201
33	W38AN	CHAMBERSBURG PA	70.6	CP	BDISDTT	-20090218ADU
33	WPXI	NEW CASTLE PA	171.1	APP	BDRTCT	-20090610ABN
34	WJAC-TV	JOHNSTOWN PA	54.8	CP	BPCDT	-20080619ADU
34	WJAC-TV	JOHNSTOWN PA	54.8	PLN	DTVPLN	-DTVPI268
34	WJAC-TV	JOHNSTOWN PA	54.8	LIC	BLCDT	-20051123AKN
36	WGPT	OAKLAND MD	144.7	APP	BMPEDT	-20080620ANK
36	WGPT	OAKLAND MD	144.7	PLN	DTVPLN	-DTVPI332
36	WGPT	OAKLAND MD	144.7	APP	BMPEDT	-20080620ANK
36	WGPT	OAKLAND MD	144.7	CP	BPEDT	-20080318AAB
36	WITF-TV	HARRISBURG PA	126.6	LIC	BLEDT	-20000922AHE
36	WITF-TV	HARRISBURG PA	126.6	PLN	DTVPLN	-DTVPI344
36	WITF-TV	HARRISBURG PA	126.6	APP	BPEDT	-20080620AMA
39	WJAL	HAGERSTOWN MD	74.0	CP MOD	BMPEDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	73.8	PLN	DTVPLN	-DTVPI406
46	WKBS-TV	ALTOONA PA	11.8	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	11.8	PLN	DTVPLN	-DTVPI656
46	WKBS-TV	ALTOONA PA	11.8	LIC	BLCDT	-20060629ACS
47	W65CG	PITTSBURGH PA	133.8	CP	BDPCDTT	-20060331BCD
40	NEW-LD	JOHNSTOWN PA	74.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
32	WIIC-LP	PITTSBURGH PA	BSTA -20071219ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WATM-TV	ALTOONA PA	129.2	LIC	BLCDT -20050603ACF
24	WATM-TV	ALTOONA PA	129.2	PLN	DTVPLN -DTVPO894
25	KDKA-TV	PITTSBURGH PA	7.1	LIC	BLCDT -20041004ACS
25	KDKA-TV	PITTSBURGH PA	7.1	PLN	DTVPLN -DTVPO928
31	WXOX-LP	SEVEN HILLS OH	179.3	APP	BDISDTL -20081219AFM
31	W29CO	SHARON PA	96.4	APP	BDISDTL -20090330ACQ
32	WRZB-LD	WASHINGTON DC	298.0	CP	BDCCDTL -20061013AAE
32	W32DN-D	SALISBURY MD	379.4	CP	BDCCDTL -20061030APP
32	WNLO	BUFFALO NY	299.9	LIC	BLCDT -20070320AAV
32	WNLO	BUFFALO NY	299.9	PLN	DTVPLN -DTVPI190
32	W63AH	MAPLEWOOD OH	347.6	APP	BDISDTT -20090507ADG
32	W52DS	YOUNGSTOWN OH	102.4	APP	BDISDTT -20060328AKM
32	WTOO-CA	ALTOONA PA	136.4	LIC	BLTTL -19970819JD
32	WTAJ-TV	ALTOONA PA	129.4	PLN	DTVPLN -DTVPI191
32	WTAJ-TV	ALTOONA PA	129.4	LIC	BLCDT -20051018ACE
32	W32DH-D	ERIE PA	185.1	APP	BDISDTL -20081028AAH
32	W32DH-D	ERIE PA	177.1	APP	BPEDT -20090422AAY
32	W32DH-D	ERIE PA	177.1	LIC	BLTTL -20090409ADE
32	WQPX-TV	SCRANTON PA	372.4	LIC	BLCDT -20060629AFR
32	WQPX	SCRANTON PA	372.4	PLN	DTVPLN -DTVPI193
32	WVIR-TV	CHARLOTTESVILLE VA	302.0	LIC	BLCDT -20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	302.0	PLN	DTVPLN -DTVPI201
33	W38AN	CHAMBERSBURG PA	193.1	CP	BDISDTT -20090218ADU
33	WPXI	NEW CASTLE PA	62.4	APP	BDRTCT -20090610ABN

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 39)

33	WNPB-TV	MORGANTOWN WV	85.1	CP MOD	BMPEDT	-20080619ACQ
33	WNPB-TV	MORGANTOWN WV	85.1	PLN	DTVPLN	-DTVPI239
33	WNPB-TV	MORGANTOWN WV	85.1	LIC	BLEDT	-20040108AKW
34	WJAC-TV	JOHNSTOWN PA	83.5	CP	BPCDT	-20080619ADU
34	WJAC-TV	JOHNSTOWN PA	83.5	PLN	DTVPLN	-DTVPI268
34	WJAC-TV	JOHNSTOWN PA	83.5	LIC	BLCDT	-20051123AKN
35	WOUC-TV	CAMBRIDGE OH	119.0	LIC	BLEDT	-20050427AAB
35	WOUC-TV	CAMBRIDGE OH	119.0	PLN	DTVPLN	-DTVPI302
36	WGPT	OAKLAND MD	129.2	APP	BMPEDT	-20080620ANK
36	WGPT	OAKLAND MD	129.2	PLN	DTVPLN	-DTVPI332
36	WGPT	OAKLAND MD	129.2	APP	BMPEDT	-20080620ANK
36	WGPT	OAKLAND MD	129.2	CP	BPEDT	-20080318AAB
36	WYTV	YOUNGSTOWN OH	88.8	APP	BPCDT	-20080620ALJ
36	WYTV	YOUNGSTOWN OH	88.8	PLN	DTVPLN	-DTVPI342
36	WYTV	YOUNGSTOWN OH	88.8	APP	BPEDT	-20080620ALJ
36	WYTV	YOUNGSTOWN OH	88.8	LIC	BLCDT	-20060711AAV
46	WKBS-TV	ALTOONA PA	129.5	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	129.5	PLN	DTVPLN	-DTVPI656
46	WKBS-TV	ALTOONA PA	129.5	LIC	BLCDT	-20060629ACS
47	WOAC	CANTON OH	137.0	LIC	BLCDT	-20060222AAK
47	WOAC	CANTON OH	137.0	PLN	DTVPLN	-DTVPI685
47	W65CG	PITTSBURGH PA	4.7	CP	BDPCDTT	-20060331BCD
47	W65CG	PITTSBURGH PA	4.7	CP MOD	BMPTT	-20040526ACB
40	NEW-LD	JOHNSTOWN PA	76.6	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
36	W36BE	STATE COLLEGE PA	BLTTL -19901210JO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WQMY	WILLIAMSPORT PA	84.1	CP MOD	BMPEDT -20081113AEW
29	WQMY	WILLIAMSPORT PA	83.5	PLN	DTVPLN -DTVPI086
32	WTAJ-TV	ALTOONA PA	49.3	PLN	DTVPLN -DTVPI191
32	WTAJ-TV	ALTOONA PA	49.3	LIC	BLCDT -20051018ACE
34	WJAC-TV	JOHNSTOWN PA	99.8	CP	BPCDT -20080619ADU
34	WJAC-TV	JOHNSTOWN PA	99.8	PLN	DTVPLN -DTVPI268
34	WJAC-TV	JOHNSTOWN PA	99.8	LIC	BLCDT -20051123AKN
35	W35BT	HARRISBURG PA	87.6	APP	BDPCDTL -20080801ARU
35	WBVD-CA	PITTSBURGH PA	177.5	APP	BDPCDTA -20090302ABQ
36	WTTG	WASHINGTON DC	207.6	LIC	BLCDT -19991013AAB
36	WTTG	WASHINGTON DC	207.6	PLN	DTVPLN -DTVPI320
36	WTTG	WASHINGTON DC	207.6	CP	BPCDT -20080313ACG
36	WGPT	OAKLAND MD	188.5	APP	BMPEDT -20080620ANK
36	WGPT	OAKLAND MD	188.5	PLN	DTVPLN -DTVPI332
36	WGPT	OAKLAND MD	188.5	APP	BMPEDT -20080620ANK
36	WGPT	OAKLAND MD	188.5	CP	BPEDT -20080318AAB
36	WNJU	LINDEN NJ	328.9	BDSTAB	BDSTAB -20070601BSU
36	WNJU	LINDEN NJ	328.9	PLN	DTVPLN -DTVPI338
36	WNJU	LINDEN NJ	328.9	CP	BPCDT -20080620AKQ
36	WMGM-TV	WILDWOOD NJ	319.9	LIC	BLCDT -20060626ABE
36	WMGM-TV	WILDWOOD NJ	319.9	PLN	DTVPLN -DTVPI339

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 39)

36	WENY-TV	ELMIRA NY	172.2	CP	BPCDT	-20081024ACA
36	WENY-TV	ELMIRA NY	176.2	PLN	DTVPLN	-DTVPI340
36	WOBX-LD	SYRACUSE NY	296.7	CP	BDCCDTL	-20061030ACJ
36	WYTV	YOUNGSTOWN OH	233.7	APP	BPCDT	-20080620ALJ
36	WYTV	YOUNGSTOWN OH	233.7	PLN	DTVPLN	-DTVPI342
36	WYTV	YOUNGSTOWN OH	233.7	APP	BPCDT	-20080620ALJ
36	WYTV	YOUNGSTOWN OH	233.7	LIC	BLCDT	-20060711AAV
36	W36DO-D	DARBY PA	237.0	LIC	BLDTL	-20081125AJT
36	WITF-TV	HARRISBURG PA	95.8	LIC	BLEDT	-20000922AHE
36	WITF-TV	HARRISBURG PA	95.8	PLN	DTVPLN	-DTVPI344
36	WITF-TV	HARRISBURG PA	95.8	APP	BPEDT	-20080620AMA
36	WSWB	SCRANTON PA	230.0	APP	BDRTCDT	-20090618ACS
36	WPMC-CA	MAPPSVILLE VA	376.8	CP	BDPCDTA	-20060330AEE
39	WJAL	HAGERSTOWN MD	92.2	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	92.0	PLN	DTVPLN	-DTVPI406
44	WWPB	HAGERSTOWN MD	118.7	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	118.7	PLN	DTVPLN	-DTVPI577
44	WWPB	HAGERSTOWN MD	118.7	LIC	BLEDT	-20031029ACE
51	W51CY	CHAMBERSBURG PA	117.9	CP	BDPCDTT	-20060307ACN
51	W51CY	CHAMBERSBURG PA	117.9	CP	BDPCDTT	-20090505ABE
40	NEW-LD	JOHNSTOWN PA	120.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record
Channel Call City/State Application Ref. No.
38 W38AN CHAMBERSBURG PA BLTT -19890831IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WGCB-TV	RED LION PA	100.5	LIC	BLCDT -20050615AAB
30	WGCB-TV	RED LION PA	100.5	PLN	DTVPLN -DTVPI114
34	WJAC-TV	JOHNSTOWN PA	110.7	CP	BPCDT -20080619ADU
34	WJAC-TV	JOHNSTOWN PA	110.7	PLN	DTVPLN -DTVPI268
34	WJAC-TV	JOHNSTOWN PA	110.7	LIC	BLCDT -20051123AKN
34	WPXW-TV	MANASSAS VA	135.0	CP MOD	BMPCDT -20080620AML
34	WPXW	MANASSAS VA	135.0	PLN	DTVPLN -DTVPI276
35	WDCA	WASHINGTON DC	134.3	CP MOD	BMPCDT -20060519ACK
35	WDCA	WASHINGTON DC	134.3	PLN	DTVPLN -DTVPI283
35	WDCA	WASHINGTON DC	134.3	APP	BPCDT -20080620ANP
36	WTTG	WASHINGTON DC	134.3	LIC	BLCDT -19991013AAB
36	WTTG	WASHINGTON DC	134.4	PLN	DTVPLN -DTVPI320
36	WTTG	WASHINGTON DC	134.3	CP	BPCDT -20080313ACG
36	WITF-TV	HARRISBURG PA	81.6	LIC	BLEDT -20000922AHE
36	WITF-TV	HARRISBURG PA	81.6	PLN	DTVPLN -DTVPI344
36	WITF-TV	HARRISBURG PA	81.6	APP	BPEDT -20080620AMA
38	WWTD-LD	WASHINGTON DC	136.0	CP	BDCCDTL -20061013AEG
38	WMAR-TV	BALTIMORE MD	123.0	CP	BPCDT -20080222ABC
38	WMAR-TV	BALTIMORE MD	123.0	PLN	DTVPLN -DTVPI367
38	WQAV-LD	ATLANTIC CITY NJ	292.0	CP	BDCCDTL -20061023AHS
38	WWOR-TV	SECAUCUS NJ	327.8	CP MOD	BMPCDT -20040130AZR
38	WWOR-TV	SECAUCUS NJ	324.6	PLN	DTVPLN -DTVPI373
38	WWOR-TV	SECAUCUS NJ	327.8	APP	BMPCDT -20080620AHC
38	WKBW-TV	BUFFALO NY	296.7	LIC	BLCDT -20051215AAG

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 39)

38	WKBW-TV	BUFFALO NY	296.7	PLN	DTVPLN	-DTVPI374
38	W38CY	SYRACUSE NY	349.7	CP	BDPCDTT	-20060329AGG
38	W52DS	YOUNGSTOWN OH	278.5	APP	BDISDTT	-20060901ABM
38	W48CH	ERIE PA	294.0	CP	BDISDTT	-20060330AFA
38	WQEX	PITTSBURGH PA	193.1	CP MOD	BMPCDT	-20080620AAM
38	WQEX	PITTSBURGH PA	193.1	PLN	DTVPLN	-DTVPI377
38	WDCN-LD	FAIRFAX VA	138.6	APP	BDCCDTL	-200610230AON
38	W34DW-D	HAMPSHIRE, ETC. WV	84.0	CP	BDCCDTT	-20061025ADT
39	W43BP	CRESAPTOWN MD	111.1	CP	BDISDTT	-20060330ALB
39	WJAL	HAGERSTOWN MD	25.8	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	25.6	PLN	DTVPLN	-DTVPI406
39	W63AU	PITTSBURGH PA	176.7	APP	BDISDTL	-20090302AEI
39	W39BE	STATE COLLEGE PA	75.2	CP	BDPCDTT	-20060331BIU
39	W39BT	WILLIAMSPORT PA	138.0	CP	BDPCDTT	-20060331ANI
40	WNUV	BALTIMORE MD	123.0	LIC	BLCDT	-20051011AOI
40	WNUV	BALTIMORE MD	123.0	PLN	DTVPLN	-DTVPI438
41	WUTB	BALTIMORE MD	119.7	CP	BPCDT	-20080619AJG
41	WUTB	BALTIMORE MD	119.7	PLN	DTVPLN	-DTVPI475
46	WBFF	BALTIMORE MD	123.0	CP	BPCDT	-19980803KR
46	WBFF	BALTIMORE MD	123.0	PLN	DTVPLN	-DTVPI647
46	WKBS-TV	ALTOONA PA	82.4	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	82.4	PLN	DTVPLN	-DTVPI656
46	WKBS-TV	ALTOONA PA	82.4	LIC	BLCDT	-20060629ACS
40	NEW-LD	JOHNSTOWN PA	118.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record
Channel Call City/State Application Ref. No.
39 W43BP CRESAPTOWN MD BDISDTT -20060330ALB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WWTD-LD	WASHINGTON DC	171.8	CP	BDCCDTL -20061013AEG
38	WQEX	PITTSBURGH PA	132.2	CP MOD	BMPCDT -20080620AAM
38	WQEX	PITTSBURGH PA	132.2	PLN	DTVPLN -DTVPI377
38	WDCN-LD	FAIRFAX VA	169.8	APP	BDCCDTL -20061030AON
38	W34DW-D	HAMPSHIRE, ETC. WV	49.3	CP	BDCCDTT -20061025ADT
39	WJAL	HAGERSTOWN MD	86.6	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	86.7	PLN	DTVPLN -DTVPI406
39	WIVB-TV	BUFFALO NY	342.9	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	342.9	PLN	DTVPLN -DTVPI409
39	WDLI-TV	CANTON OH	281.1	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	281.1	PLN	DTVPLN -DTVPI410
39	WOGB-CA	MARION OH	377.6	LIC	BLDTA -20090505AAK
39	WLVT-TV	ALLENTOWN PA	313.7	CP MOD	BMPCDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	314.2	PLN	DTVPLN -DTVPI411
39	W63AU	PITTSBURGH PA	117.5	APP	BDISDTL -20090302AEI
39	W39BE	STATE COLLEGE PA	152.5	CP	BDPCDTT -20060331BIU
39	W39BT	WILLIAMSPORT PA	234.1	CP	BDPCDTT -20060331ANI
39	W39AD	CENT.ROCKINGHAM COUN VA	108.1	LIC	BLTT -19840131IG
39	W39CO	RICHMOND VA	259.6	CP	BDPCDTT -20060328AJQ
39	WLFX-TV	CHARLESTON WV	277.5	LIC	BLCDT -20020510AAM
39	WLFX-TV	CHARLESTON WV	277.5	PLN	DTVPLN -DTVPI422

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 9 of 39)

40	W40BS	RENOVO PA	215.0	CP	BDFCDTT	-20060331BJJ
40	WAHU-CA	CHARLOTTESVILLE VA	181.2	LIC	BLDTL	-20090331ABV
40	WAZF-LD	FRONT ROYAL VA	75.8	CP	BDCCDTL	-20061027AHI
40	NEW-LD	JOHNSTOWN PA	69.5	APP	USERRECORD-01	

Total scenarios = 48

Result key: 1
Scenario 1 Affected station 7 W43BP
Before Analysis

Results for: 39A MD CRESAPTOWN BDISDTT 20060330ALB CP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	262613	11385.2
not affected by terrain losses	207435	9087.2
lost to NTSC IX	55	4.0
lost to additional IX by ATV	19016	1209.3
lost to ATV IX only	19071	1212.2
lost to all IX	19071	1213.2

Potential Interfering Stations Included in above Scenario 1

39N VA CENT.ROCKINGHAM COUN	BLTT	19840131IG	LIC
38A WV HAMPSHIRE, ETC.	BDCCDTT	20061025ADT	CP
39A MD HAGERSTOWN	BMPCDT	20081008ABR	CP
39A NY BUFFALO	BLCDT	20020619ABE	LIC
39A OH CANTON	BLCDT	20030421ABK	LIC
39A PA ALLENTOWN	DTVPLN	DTVP1411	PLN
39A PA WILLIAMSPORT	BDFCDTT	20060331ANI	CP
39A VA RICHMOND	BDFCDTT	20060328AJQ	CP
39A WV CHARLESTON	BLCDT	20020510AAM	LIC
40A VA FRONT ROYAL	BDCCDTL	20061027AHI	CP

After Analysis

Results for: 39A MD CRESAPTOWN BDISDTT 20060330ALB CP
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	262613	11385.2
not affected by terrain losses	207435	9087.2
lost to NTSC IX	55	4.0
lost to additional IX by ATV	22358	1264.6
lost to ATV IX only	22413	1267.5
lost to all IX	22413	1268.5

Potential Interfering Stations Included in above Scenario 1

39N VA CENT.ROCKINGHAM COUN	BLTT	19840131IG	LIC
38A WV HAMPSHIRE, ETC.	BDCCDTT	20061025ADT	CP
39A MD HAGERSTOWN	BMPCDT	20081008ABR	CP
39A NY BUFFALO	BLCDT	20020619ABE	LIC
39A OH CANTON	BLCDT	20030421ABK	LIC
39A PA ALLENTOWN	DTVPLN	DTVP1411	PLN
39A PA WILLIAMSPORT	BDFCDTT	20060331ANI	CP
39A VA RICHMOND	BDFCDTT	20060328AJQ	CP
39A WV CHARLESTON	BLCDT	20020510AAM	LIC
40A VA FRONT ROYAL	BDCCDTL	20061027AHI	CP
40A PA JOHNSTOWN	USERRECORD01		APP

Percent new IX = 1.7742%

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 10 of 39)

Worst case new IX 1.7742% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.
39 WJAL HAGERSTOWN MD BMPCDT -20081008ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WMAR-TV	BALTIMORE MD	128.6	CP	BPCDT -20080222ABC
38	WMAR-TV	BALTIMORE MD	128.6	PLN	DTVPLN -DTVP1367
38	WQEX	PITTSBURGH PA	180.5	CP MOD	BMPCDT -20080620AAM
38	WQEX	PITTSBURGH PA	180.5	PLN	DTVPLN -DTVP1377
39	WIVB-TV	BUFFALO NY	312.6	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	312.6	PLN	DTVPLN -DTVP1409
39	WDLI-TV	CANTON OH	332.8	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	332.8	PLN	DTVPLN -DTVP1410
39	WLVT-TV	ALLENTOWN PA	227.2	CP MOD	BMPCDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	227.7	PLN	DTVPLN -DTVP1411
39	WLFX-TV	CHARLESTON WV	364.1	LIC	BLCDT -20020510AAM
39	WLFX-TV	CHARLESTON WV	364.1	PLN	DTVPLN -DTVP1422
40	WNUV	BALTIMORE MD	128.6	LIC	BLCDT -20051011AOI
40	WNUV	BALTIMORE MD	128.6	PLN	DTVPLN -DTVP1438
40	NEW-LD	JOHNSTOWN PA	104.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record
Channel Call City/State Application Ref. No.
39 W63AU PITTSBURGH PA BDISDTL -20090302AEI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	W52DS	YOUNGSTOWN OH	116.7	APP	BDISDTT -20060901ABM
38	W48CH	ERIE PA	184.3	CP	BDISDTT -20060330AFA
38	WQEX	PITTSBURGH PA	16.5	CP MOD	BMPCDT -20080620AAM
38	WQEX	PITTSBURGH PA	16.5	PLN	DTVPLN -DTVP1377
38	W34DW-D	HAMPSHIRE, ETC. WV	160.9	CP	BDCCDTT -20061025ADT
39	W43BP	CRESAPTOWN MD	117.5	CP	BDISDTT -20060330ALB
39	WJAL	HAGERSTOWN MD	163.9	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	163.9	PLN	DTVPLN -DTVP1406
39	WADL	MOUNT CLEMENS MI	353.0	LIC	BLCDT -20020507AAO
39	WADL	MOUNT CLEMENS MI	353.0	PLN	DTVPLN -DTVP1407
39	WIVB-TV	BUFFALO NY	269.6	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	269.6	PLN	DTVPLN -DTVP1409
39	WDLI-TV	CANTON OH	169.5	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	169.5	PLN	DTVPLN -DTVP1410
39	WOGB-CA	MARION OH	284.0	LIC	BLDTA -20090505AAK
39	WLVT-TV	ALLENTOWN PA	367.5	CP MOD	BMPCDT -20080618AAL

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 11 of 39)

39	WLVT-TV	ALLENTOWN PA	368.0	PLN	DTVPLN	-DTV1411
39	W39BE	STATE COLLEGE PA	163.6	CP	BDFCDTT	-20060331BIU
39	W39BT	WILLIAMSPORT PA	240.6	CP	BDFCDTT	-20060331ANI
39	W39CO	RICHMOND VA	375.4	CP	BDFCDTT	-20060328AJQ
39	WLFX-TV	CHARLESTON WV	273.8	LIC	BLCDT	-20020510AAM
39	WLFX-TV	CHARLESTON WV	273.8	PLN	DTVPLN	-DTV1422
40	WRAP-CD	CLEVELAND OH	202.3	CP	BDCDDTL	-20061030AGC
40	W40BS	RENOVO PA	199.0	CP	BDFCDTT	-20060331BJJ
40	WAZF-LD	FRONT ROYAL VA	191.4	CP	BDCDDTL	-20061027AHI
40	NEW-LD	JOHNSTOWN PA	60.1	APP	USERRECORD-01	

Total scenarios = 64

Result key: 49

Scenario 1 Affected station 9 W63AU
Before Analysis

Results for: 39A PA PITTSBURGH BDISDTL 20090302AEI APP

HAAT 1.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	2229300	9594.0
not affected by terrain losses	2207242	9330.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	142212	559.5
lost to ATV IX only	142212	559.5
lost to all IX	142212	559.5

Potential Interfering Stations Included in above Scenario 1

38A PA PITTSBURGH	BMPCDT	20080620AAM	CP
39A MD CRESAPTOWN	BDISDTT	20060330ALB	CP
39A MD HAGERSTOWN	BMPCDT	20081008ABR	CP
39A NY BUFFALO	BLCDT	20020619ABE	LIC
39A OH CANTON	BLCDT	20030421ABK	LIC
39A PA WILLIAMSPORT	BDFCDTT	20060331ANI	CP
39A WV CHARLESTON	BLCDT	20020510AAM	LIC

After Analysis

Results for: 39A PA PITTSBURGH BDISDTL 20090302AEI APP

HAAT 1.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	2229300	9594.0
not affected by terrain losses	2207242	9330.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	152315	619.4
lost to ATV IX only	152315	619.4
lost to all IX	152315	619.4

Potential Interfering Stations Included in above Scenario 1

38A PA PITTSBURGH	BMPCDT	20080620AAM	CP
39A MD CRESAPTOWN	BDISDTT	20060330ALB	CP
39A MD HAGERSTOWN	BMPCDT	20081008ABR	CP
39A NY BUFFALO	BLCDT	20020619ABE	LIC
39A OH CANTON	BLCDT	20030421ABK	LIC
39A PA WILLIAMSPORT	BDFCDTT	20060331ANI	CP
39A WV CHARLESTON	BLCDT	20020510AAM	LIC
40A PA JOHNSTOWN	USERRECORD01		APP

Percent new IX = 0.4892%

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 12 of 39)

Worst case new IX 0.4892% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39BE	STATE COLLEGE PA	BLTTL -19901210JN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WTAJ-TV	ALTOONA PA	49.3	PLN	DTVPLN -DTV1191
32	WTAJ-TV	ALTOONA PA	49.3	LIC	BLCDT -20051018ACE
36	WITF-TV	HARRISBURG PA	95.8	LIC	BLEDT -20000922AHE
36	WITF-TV	HARRISBURG PA	95.8	PLN	DTVPLN -DTV1344
36	WITF-TV	HARRISBURG PA	95.8	APP	BPEDT -20080620AMA
38	W34DW-D	HAMPSHIRE, ETC. WV	146.0	CP	BDCDDTT -20061025ADT
39	W43BP	CRESAPTOWN MD	152.5	CP	BDISDTT -20060330ALB
39	WJAL	HAGERSTOWN MD	92.2	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	92.0	PLN	DTVPLN -DTV1406
39	WIVB-TV	BUFFALO NY	224.3	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	224.3	PLN	DTVPLN -DTV1409
39	WNYN-LP	NEW YORK NY	332.5	CP	BDFCDTL -20060111ACS
39	WTKO-LD	ONEIDA NY	319.3	CP	BDCDDTL -20061030ACN
39	WDLI-TV	CANTON OH	313.3	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	313.3	PLN	DTVPLN -DTV1410
39	WLVT-TV	ALLENTOWN PA	207.5	CP MOD	BMPCDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	207.9	PLN	DTVPLN -DTV1411
39	W63AU	PITTSBURGH PA	163.6	APP	BDISDTL -20090302AEI
39	W39BT	WILLIAMSPORT PA	83.6	LIC	BLTT -19950109JC
39	W39BT	WILLIAMSPORT PA	83.5	CP	BDFCDTT -20060331ANI
39	W39CO	RICHMOND VA	357.6	CP	BDFCDTT -20060328AJQ
40	W40BS	RENOVO PA	66.5	CP	BDFCDTT -20060331BJJ
40	WAZF-LD	FRONT ROYAL VA	171.0	CP	BDCDDTL -20061027AHI
46	WKBS-TV	ALTOONA PA	49.1	CP	BPCDT -20080620ACM
46	WKBS-TV	ALTOONA PA	49.1	PLN	DTVPLN -DTV1656
46	WKBS-TV	ALTOONA PA	49.1	LIC	BLCDT -20060629ACS
47	WPMT	YORK PA	133.5	CP	BPCDT -20080620AFE
47	WPMT	YORK PA	133.5	PLN	DTVPLN -DTV1687
47	WPMT	YORK PA	133.5	LIC	BMLCDT -20041025ABI
40	NEW-LD	JOHNSTOWN PA	120.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39BE	STATE COLLEGE PA	BDFCDTT -20060331BIU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WWTD-LD	WASHINGTON DC	209.3	CP	BDCDDTL -20061013AEG

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 13 of 39)

38	WDCN-LD	FAIRFAX VA	212.5	APP	BDCCDTL	-20061030AON
38	W34DW-D	HAMPSHIRE, ETC. WV	146.0	CP	BDCCDTT	-20061025ADT
39	W43BP	CRESAPTOWN MD	152.5	CP	BDISDTT	-20060330ALB
39	WJAL	HAGERSTOWN MD	92.2	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	92.0	PLN	DTVPLN	-DTVP1406
39	WIVB-TV	BUFFALO NY	224.3	LIC	BLCDT	-20020619ABE
39	WIVB-TV	BUFFALO NY	224.3	PLN	DTVPLN	-DTVP1409
39	WNYN-LP	NEW YORK NY	332.5	CP	BDFCDTL	-20060111ACS
39	WTKO-LD	ONEIDA NY	319.3	CP	BDCCDTL	-20061030ACN
39	WDLI-TV	CANTON OH	313.3	LIC	BLCDT	-20030421ABK
39	WDLI-TV	CANTON OH	313.3	PLN	DTVPLN	-DTVP1410
39	WLVT-TV	ALLENTOWN PA	207.5	CP MOD	BMPEDT	-20080618AAL
39	WLVT-TV	ALLENTOWN PA	207.9	PLN	DTVPLN	-DTVP1411
39	W63AU	PITTSBURGH PA	163.6	APP	BDISDTL	-20090302AEI
39	W39BT	WILLIAMSPORT PA	83.6	LIC	BLTT	-19950109JC
39	W39BT	WILLIAMSPORT PA	83.5	CP	BDFCDTT	-20060331ANI
39	W39CO	RICHMOND VA	357.6	CP	BDFCDTT	-20060328AJQ
40	W40BS	RENOVO PA	66.5	CP	BDFCDTT	-20060331BJJ
40	WAZF-LD	FRONT ROYAL VA	171.0	CP	BDCCDTL	-20061027AHI
40	NEW-LD	JOHNSTOWN PA	120.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39BT	WILLIAMSPORT PA	BLTT -19950109JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WSWB	SCRANTON PA	119.6	LIC	BLCDT -20060721ABH
31	WSWB	SCRANTON PA	119.6	PLN	DTVPLN -DTVP1155
31	WSWB-DR	SCRANTON PA	119.6	APP	BPRM -20080619ALI
32	WTAJ-TV	ALTOONA PA	130.9	PLN	DTVPLN -DTVP1191
32	WTAJ-TV	ALTOONA PA	130.9	LIC	BLCDT -20051018ACE
32	WQPX-TV	SCRANTON PA	119.8	LIC	BLCDT -20060629AFR
32	WQPX	SCRANTON PA	119.8	PLN	DTVPLN -DTVP1193
36	WENY-TV	ELMIRA NY	104.9	CP	BPCDT -20081024ACA
36	WENY-TV	ELMIRA NY	103.0	PLN	DTVPLN -DTVP1340
36	WITF-TV	HARRISBURG PA	97.3	LIC	BLEDT -20000922AHE
36	WITF-TV	HARRISBURG PA	97.3	PLN	DTVPLN -DTVP1344
36	WITF-TV	HARRISBURG PA	97.3	APP	BPEDT -20080620AMA
39	WCTX	NEW HAVEN CT	349.5	LIC	BLCDT -20040507AAZ
39	WCTX	NEW HAVEN CT	349.5	PLN	DTVPLN -DTVP1394
39	W43BP	CRESAPTOWN MD	234.1	CP	BDISDTT -20060330ALB
39	WJAL	HAGERSTOWN MD	161.9	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	161.7	PLN	DTVPLN -DTVP1406
39	WIVB-TV	BUFFALO NY	204.2	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	204.2	PLN	DTVPLN -DTVP1409
39	WJKP-LP	CORNING NY	104.9	LIC	BLTTL -20060109ACB
39	WNYN-LP	NEW YORK NY	271.8	CP	BDFCDTL -20061011ACS
39	WTKO-LD	ONEIDA NY	239.8	CP	BDCCDTL -20061030ACN
39	WDLI-TV	CANTON OH	374.3	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	374.3	PLN	DTVPLN -DTVP1410
39	WLVT-TV	ALLENTOWN PA	158.4	CP MOD	BMPEDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	158.7	PLN	DTVPLN -DTVP1411
39	W63AU	PITTSBURGH PA	240.7	APP	BDISDTL -20090302AEI

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 14 of 39)

39	W39BE	STATE COLLEGE PA	83.6	LIC	BLTTL	-19901210JN
39	W39BE	STATE COLLEGE PA	83.6	CP	BDFCDTT	-20060331BIU
40	W40BS	RENOVO PA	53.0	CP	BDFCDTT	-20060331BJJ
40	W60AH	STROUDSBURG PA	164.4	CP	BDISDTT	-20060403ADD
41	WVIA-TV	SCRANTON PA	105.1	LIC	BLEDT	-20010109AAP
41	WVIA-TV	SCRANTON PA	105.1	PLN	DTVPLN	-DTVP1482
41	WVIA-TV	SCRANTON PA	105.1	CP	BPEDT	-20080619ADK
42	WSKG-TV	BINGHAMTON NY	137.2	LIC	BLEDT	-20050526ACA
42	WSKG-TV	BINGHAMTON NY	137.2	PLN	DTVPLN	-DTVP1512
46	WKBS-TV	ALTOONA PA	130.7	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	130.7	PLN	DTVPLN	-DTVP1656
46	WKBS-TV	ALTOONA PA	130.7	LIC	BLCDT	-20060629ACS
47	WPMT	YORK PA	137.6	CP	BPCDT	-20080620AFE
47	WPMT	YORK PA	137.6	PLN	DTVPLN	-DTVP1687
47	WPMT	YORK PA	137.6	LIC	BMLCDT	-20041025ABI
40	NEW-LD	JOHNSTOWN PA	203.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39BT	WILLIAMSPORT PA	BDFCDTT -20060331ANI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	W38CY	SYRACUSE NY	211.7	CP	BDFCDTT -20060329AGG
38	W34DW-D	HAMPSHIRE, ETC. WV	220.1	CP	BDCCDTT -20061025ADT
39	WCTX	NEW HAVEN CT	349.5	LIC	BLCDT -20040507AAZ
39	WCTX	NEW HAVEN CT	349.5	PLN	DTVPLN -DTVP1394
39	W43BP	CRESAPTOWN MD	234.1	CP	BDISDTT -20060330ALB
39	WJAL	HAGERSTOWN MD	161.9	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	161.7	PLN	DTVPLN -DTVP1406
39	WIVB-TV	BUFFALO NY	204.2	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	204.2	PLN	DTVPLN -DTVP1409
39	WNYN-LP	NEW YORK NY	271.8	CP	BDFCDTL -20060111ACS
39	WTKO-LD	ONEIDA NY	239.8	CP	BDCCDTL -20061030ACN
39	WDLI-TV	CANTON OH	374.2	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	374.2	PLN	DTVPLN -DTVP1410
39	WLVT-TV	ALLENTOWN PA	158.4	CP MOD	BMPEDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	158.7	PLN	DTVPLN -DTVP1411
39	W63AU	PITTSBURGH PA	240.6	APP	BDISDTL -20090302AEI
39	W39BE	STATE COLLEGE PA	83.5	LIC	BLTTL -19901210JN
39	W39BE	STATE COLLEGE PA	83.5	CP	BDFCDTT -20060331BIU
39	W39CO	RICHMOND VA	410.9	CP	BDFCDTT -20060328AJQ
40	WIXT-CA	DEWITT NY	218.3	APP	BDFCDTA -20081117AAD
40	W40BS	RENOVO PA	53.0	CP	BDFCDTT -20060331BJJ
40	W60AH	STROUDSBURG PA	164.4	CP	BDISDTT -20060403ADD
40	NEW-LD	JOHNSTOWN PA	203.2	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 15 of 39)

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39AD	CENT.ROCKINGHAM COUN VA	BLTT -19840131IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WVIR-TV	CHARLOTTESVILLE VA	78.5	LIC	BLCDDT -20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	78.5	PLN	DTVPLN -DTVPI201
36	WGPT	OAKLAND MD	94.6	APP	BMPEDT -20080620ANK
36	WGPT	OAKLAND MD	94.6	PLN	DTVPLN -DTVPI332
36	WGPT	OAKLAND MD	94.6	APP	BMPEDT -20080620ANK
36	WGPT	OAKLAND MD	94.6	CP	BPEDT -20080318AAB
38	WWTD-LD	WASHINGTON DC	162.0	CP	BDCDDTL -20061013AEG
38	WDCN-LD	FAIRFAX VA	156.4	APP	BDCDDTL -20061030AON
38	W38AV	LURAY VA	23.4	LIC	BLTT -19890620IE
38	W34DW-D	HAMPSHIRE, ETC. WV	105.1	CP	BDCDDTT -20061025ADT
39	W43BP	CRESAPTOWN MD	108.1	CP	BDISDTT -20060330ALB
39	WJAL	HAGERSTOWN MD	163.6	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	163.8	PLN	DTVPLN -DTVPI406
39	WDLI-TV	CANTON OH	356.0	LIC	BLCDDT -20030421ABK
39	WDLI-TV	CANTON OH	356.0	PLN	DTVPLN -DTVPI410
39	WLVT-TV	ALLENTOWN PA	367.6	CP MOD	BMPEDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	368.1	PLN	DTVPLN -DTVPI411
39	W63AU	PITTSBURGH PA	212.2	APP	BDISDTL -20090302AEI
39	W39BE	STATE COLLEGE PA	249.8	CP	BDFCDDT -20060331BIU
39	W39BT	WILLIAMSPORT PA	325.3	CP	BDFCDDT -20060331ANI
39	W39CO	RICHMOND VA	172.3	CP	BDFCDDT -20060328AJQ
39	W39CO	RICHMOND VA	172.3	LIC	BLTT -20020614AAM
39	W39AK	ROCKFISH VALLEY VA	78.2	LIC	BLTT -19870522JM
39	WLFX-TV	CHARLESTON WV	250.4	LIC	BLCDDT -20020510AAM
39	WLFX-TV	CHARLESTON WV	250.4	PLN	DTVPLN -DTVPI422
40	WAHU-CA	CHARLOTTESVILLE VA	78.5	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	90.7	CP	BDCDDTL -20061027AHI
46	WHTJ	CHARLOTTESVILLE VA	78.5	CP	BPEDT -20080610AAP
46	WHTJ	CHARLOTTESVILLE VA	78.5	PLN	DTVPLN -DTVPI661
46	WHTJ	CHARLOTTESVILLE VA	78.5	LIC	BLEDT -20050819ADO
40	NEW-LD	JOHNSTOWN PA	175.8	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

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	W40AZ	WILMINGTON DE	BLTT -19931117JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WPSG	PHILADELPHIA PA	30.9	LIC	BLCDDT -20021025AAS
32	WPSG	PHILADELPHIA PA	30.9	PLN	DTVPLN -DTVPI192
32	WPSG	PHILADELPHIA PA	30.9	CP	BPCDDT -20080616ABE

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 16 of 39)

36	WMGM-TV	WILDWOOD NJ	101.9	LIC	BLCDDT -20060626ABE
36	WMGM-TV	WILDWOOD NJ	101.9	PLN	DTVPLN -DTVPI339
36	WITF-TV	HARRISBURG PA	129.2	LIC	BLEDT -20000922AHE
36	WITF-TV	HARRISBURG PA	129.2	PLN	DTVPLN -DTVPI344
36	WITF-TV	HARRISBURG PA	129.2	APP	BPEDT -20080620AMA
38	WMAR-TV	BALTIMORE MD	114.2	CP	BPCDDT -20080222ABC
38	WMAR-TV	BALTIMORE MD	114.2	PLN	DTVPLN -DTVPI367
39	WNYN-LP	NEW YORK NY	165.3	CP	BDFCDDT -20060111ACS
39	WLVT-TV	ALLENTOWN PA	79.8	CP MOD	BMPEDT -20080618AAL
39	WLVT-TV	ALLENTOWN PA	80.0	PLN	DTVPLN -DTVPI411
39	W39BT	WILLIAMSPORT PA	203.9	CP	BDFCDDT -20060331ANI
40	WGGB-TV	SPRINGFIELD MA	357.4	CP MOD	BMPCDT -20081124ACP
40	WGGB-TV	SPRINGFIELD MA	357.4	PLN	DTVPLN -DTVPI436
40	WNUV	BALTIMORE MD	114.0	LIC	BLCDDT -20051011AOI
40	WNUV	BALTIMORE MD	114.0	PLN	DTVPLN -DTVPI438
40	WXTV-DT	PATERSON NJ	162.5	LIC	BLCDDT -20050214AGS
40	WXTV	PATERSON NJ	162.5	PLN	DTVPLN -DTVPI444
40	WIXT-CA	DEWITT NY	354.7	APP	BDFCDDT -20081117AAD
40	W40BS	RENOVO PA	249.7	CP	BDFCDDT -20060331BUJ
40	W60AH	STROUDSBURG PA	127.8	CP	BDISDTT -20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	330.9	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	240.6	CP	BDCDDTL -20061027AHI
40	WTKR	NORFOLK VA	349.0	LIC	BLCDDT -20050617AAW
40	WTKR	NORFOLK VA	349.0	PLN	DTVPLN -DTVPI456
41	WUTB	BALTIMORE MD	125.0	CP	BPCDDT -20080619AJG
41	WUTB	BALTIMORE MD	125.0	PLN	DTVPLN -DTVPI475
41	WNAI-LP	SPRINGVILLE NJ	30.9	CP	BDFCDDT -20090326ABU
41	WNAI-LP	SPRINGVILLE NJ	30.9	LIC	BLTTL -20041117ACS
41	W60AI	NEW YORK NY	164.6	APP	BMPDDTL -20090202BMN
41	W60AI	NEW YORK NY	162.5	CP	BDISDTL -20080317AEL
41	W41DN-D	PORT JERVIS NY	150.0	CP	BDISDTL -20080117ACU
42	WMPT	ANNAPOLIS MD	133.4	CP	BPEDT -20080620AIA
42	WMPT	ANNAPOLIS MD	133.4	PLN	DTVPLN -DTVPI507
42	WMPT	ANNAPOLIS MD	133.4	LIC	BLEDT -20030903ABC
42	WTFX-TV	PHILADELPHIA PA	30.7	APP	BMPCDT -20080616AAQ
42	WTFX-TV	PHILADELPHIA PA	30.7	PLN	DTVPLN -DTVPI515
42	WTFX-TV	PHILADELPHIA PA	30.7	CP MOD	BMPCDT -20090520AGI
42	WTFX-TV	PHILADELPHIA PA	30.7	LIC	BLCDDT -20070914AAK
43	WNJT	TRENTON NJ	84.2	CP	BPEDT -20080620AGH
43	WNJT	TRENTON NJ	84.0	PLN	DTVPLN -DTVPI548
43	WNJT	TRENTON NJ	84.2	LIC	BLEDT -20030411AAE
44	WDPB	SEAFORD DE	133.0	LIC	BLEDT -20050624AAK
44	WDPB	SEAFORD DE	133.0	PLN	DTVPLN -DTVPI568
44	WMCN-TV	ATLANTIC CITY NJ	57.2	LIC	BLCDDT -20060707ACS
44	WMCN-TV	ATLANTIC CITY NJ	57.2	PLN	DTVPLN -DTVPI586
47	WPMT	YORK PA	96.2	CP	BPCDDT -20080620AFE
47	WPMT	YORK PA	96.2	PLN	DTVPLN -DTVPI687
47	WPMT	YORK PA	96.2	LIC	BMLCDDT -20041025ABI
40	NEW-LD	JOHNSTOWN PA	311.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WNUV	BALTIMORE MD	BLCDDT -20051011AOI

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 17 of 39)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WJAL	HAGERSTOWN MD	128.6	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	128.6	PLN	DTVPLN	-DTVPI406
39	WLVT-TV	ALLENTOWN PA	171.1	CP MOD	BMPEDT	-20080618AAL
39	WLVT-TV	ALLENTOWN PA	171.5	PLN	DTVPLN	-DTVPI411
40	WXTV-DT	PATERSON NJ	275.7	LIC	BLCDT	-20050214AGS
40	WXTV	PATERSON NJ	275.7	PLN	DTVPLN	-DTVPI444
40	WTKR	NORFOLK VA	281.2	LIC	BLCDT	-20050617AAW
40	WTKR	NORFOLK VA	281.2	PLN	DTVPLN	-DTVPI456
41	WUTB	BALTIMORE MD	11.0	CP	BPCDT	-20080619AJG
41	WUTB	BALTIMORE MD	11.0	PLN	DTVPLN	-DTVPI475
41	WVIA-TV	SCRANTON PA	215.5	LIC	BLEDT	-20010109AAP
41	WVIA-TV	SCRANTON PA	215.5	PLN	DTVPLN	-DTVPI482
41	WVIA-TV	SCRANTON PA	215.5	CP	BPEDT	-20080619ADK
40	NEW-LD	JOHNSTOWN PA	231.7	APP	USERRECORD-01	

Total scenarios = 32

Result key: 113
Scenario 1 Affected station 16 WNUV
Before Analysis

Results for: 40A MD BALTIMORE BLCDT 20051011AOI LIC
HAAT 373.0 m, ATV ERP 845.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7969990	28113.2
not affected by terrain losses	7808509	27052.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	48780	278.7
lost to ATV IX only	48780	278.7
lost to all IX	48780	278.7

Potential Interfering Stations Included in above Scenario 1

39A MD HAGERSTOWN	BMPCDT	20081008ABR	CP
40A NJ PATERSON	BLCDT	20050214AGS	LIC
40A VA NORFOLK	BLCDT	20050617AAW	LIC
41A MD BALTIMORE	BPCDT	20080619AJG	CP

After Analysis

Results for: 40A MD BALTIMORE BLCDT 20051011AOI LIC
HAAT 373.0 m, ATV ERP 845.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	7969990	28113.2
not affected by terrain losses	7808509	27052.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	48914	279.7
lost to ATV IX only	48914	279.7
lost to all IX	48914	279.7

Potential Interfering Stations Included in above Scenario 1

39A MD HAGERSTOWN	BMPCDT	20081008ABR	CP
40A NJ PATERSON	BLCDT	20050214AGS	LIC
40A VA NORFOLK	BLCDT	20050617AAW	LIC
41A MD BALTIMORE	BPCDT	20080619AJG	CP
40A PA JOHNSTOWN	USERRECORD01		APP

Percent new IX = 0.0017%

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 18 of 39)

Worst case new IX 0.0017% Scenario 1

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Analysis of Interference to Affected Station 17

Analysis of current record
Channel Call City/State Application Ref. No.
40 NEW DETROIT MI BDCCDTL -20061027ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WADL	MOUNT CLEMENS MI	27.9	LIC	BLCDT	-20020507AAO
39	WADL	MOUNT CLEMENS MI	27.9	PLN	DTVPLN	-DTVPI407
39	WOCB-CA	MARION OH	191.2	LIC	BLDTA	-20090505AAK
40	WHCH-LP	CHESTERTON IN	341.1	LIC	BLDTL	-20070822AAF
40	WFWA	FORT WAYNE IN	224.4	LIC	BLEDT	-20041112ACP
40	WFWA	FORT WAYNE IN	224.4	PLN	DTVPLN	-DTVPI434
40	WFWA	FORT WAYNE IN	224.4	APP	BPEDT	-20080617ADU
40	WKAR-TV	EAST LANSING MI	119.4	CP	BPEDT	-20080314ACE
40	WKAR-TV	EAST LANSING MI	119.5	PLN	DTVPLN	-DTVPI439
40	WKAR-TV	EAST LANSING MI	119.4	APP	BMPEDT	-20080620AIJ
40	WRAP-CD	CLEVELAND OH	145.0	CP	BDCCDTL	-20061030AGC
40	WRCX-LP	DAYTON OH	307.1	CP	BDCCDTL	-20090507ABE
40	WHIZ-TV	ZANESVILLE OH	281.5	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	281.5	PLN	DTVPLN	-DTVPI447
41	WXYZ-TV	DETROIT MI	22.8	CP MOD	BMPCDT	-20080618ABH
41	WXYZ-TV	DETROIT MI	22.8	PLN	DTVPLN	-DTVPI476
41	WXYZ-TV	DETROIT MI	22.8	LIC	BLCDT	-20030325ABI
41	WOLP-LD	GRAND RAPIDS MI	205.7	CP	BDCCDTL	-20061020ACU
40	NEW-LD	JOHNSTOWN PA	405.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record
Channel Call City/State Application Ref. No.
40 WDTB-LP BUFFALO NY BSTA -20021007ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WNLO	BUFFALO NY	17.1	LIC	BLCDT	-20070320AAV
32	WNLO	BUFFALO NY	17.1	PLN	DTVPLN	-DTVPI190
33	WGRZ	BUFFALO NY	31.2	LIC	BLCDT	-20050705AAG
33	WGRZ-TV	BUFFALO NY	31.2	PLN	DTVPLN	-DTVPI223
38	WKBW-TV	BUFFALO NY	34.1	LIC	BLCDT	-20051215AAG
38	WKBW-TV	BUFFALO NY	34.1	PLN	DTVPLN	-DTVPI374
39	WIVB-TV	BUFFALO NY	31.9	LIC	BLCDT	-20020619ABE
39	WIVB-TV	BUFFALO NY	31.9	PLN	DTVPLN	-DTVPI409
39	WDTB-LP	HAMBURG NY	8.4	LIC	BLTTL	-19930721IE
40	NEW	DETROIT MI	346.4	APP	BDCCDTL	-20061027ACH

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 19 of 39)

40	WIXT-CA	DEWITT NY	226.8	APP	BDFCDTA	-20081117AAD
40	WCWF	SARANAC LAKE NY	382.1	CP	BPCDT	-20080619ALG
40	WCWF	SARANAC LAKE NY	382.1	PLN	DTVPLN	-DTVP1446
40	WRAP-CD	CLEVELAND OH	278.1	CP	BDCDDTL	-20061030AGC
40	W40BS	RENOVO PA	198.3	CP	BDFCDTT	-20060331BJJ
40	W60AH	STROUDSBURG PA	371.3	CP	BDISDTT	-20060403ADD
43	WNED-TV	BUFFALO NY	17.1	LIC	BLEDT	-20030812AAJ
43	WNED-TV	BUFFALO NY	17.1	PLN	DTVPLN	-DTVP1549
40	NEW-LD	JOHNSTOWN PA	300.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WIXT-CA	DEWITT NY	BDFCDTA -20081117AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WTKO-LD	ONEIDA NY	35.2	CP	BDCDDTL -20061030ACN
39	W39BT	WILLIAMSPORT PA	218.3	CP	BDFCDTT -20060331ANI
40	W40BO	BOSTON MA	405.5	CP	BDFCDTT -20060322ACL
40	W40BO	BOSTON MA	405.5	CP	BDFCDTT -20090515ACD
40	WGGB-TV	SPRINGFIELD MA	294.3	CP MOD	BMPCDT -20081124ACP
40	WGGB-TV	SPRINGFIELD MA	294.3	PLN	DTVPLN -DTVP1436
40	WXTV-DT	PATERSON NJ	305.7	LIC	BLCDT -20050214AGS
40	WXTV	PATERSON NJ	305.7	PLN	DTVPLN -DTVP1444
40	WCWF	SARANAC LAKE NY	182.7	CP	BPCDT -20080619ALG
40	WCWF	SARANAC LAKE NY	182.7	PLN	DTVPLN -DTVP1446
40	WVVC-LP	UTICA NY	73.1	LIC	BLTTL -20080130AOR
40	W40BS	RENOVO PA	233.0	CP	BDFCDTT -20060331BJJ
40	W60AH	STROUDSBURG PA	238.1	CP	BDISDTT -20060403ADD
41	WPBS-TV	WATERTOWN NY	99.6	APP	BPEDT -20080619ABP
41	WPBS-TV	WATERTOWN NY	99.6	PLN	DTVPLN -DTVP1479
41	WPBS-TV	WATERTOWN NY	99.6	LIC	BLEDT -20050923AGH
40	NEW-LD	JOHNSTOWN PA	402.9	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WIXT-CA	DEWITT NY	BLTTL -19990125JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WENY-TV	ELMIRA NY	125.4	CP	BPCDT -20081024ACA
36	WENY-TV	ELMIRA NY	118.7	PLN	DTVPLN -DTVP1340
39	WTKO-LD	ONEIDA NY	35.2	CP	BDCDDTL -20061030ACN
40	W40BO	BOSTON MA	405.5	CP	BDFCDTT -20060322ACL

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 20 of 39)

40	W40BO	BOSTON MA	405.5	CP	BDFCDTT	-20090515ACD
40	WGGB-TV	SPRINGFIELD MA	294.3	CP MOD	BMPCDT	-20081124ACP
40	WGGB-TV	SPRINGFIELD MA	294.3	PLN	DTVPLN	-DTVP1436
40	WXTV-DT	PATERSON NJ	305.7	LIC	BLCDT	-20050214AGS
40	WXTV	PATERSON NJ	305.7	PLN	DTVPLN	-DTVP1444
40	WCWF	SARANAC LAKE NY	182.7	CP	BPCDT	-20080619ALG
40	WCWF	SARANAC LAKE NY	182.7	PLN	DTVPLN	-DTVP1446
40	WVVC-LP	UTICA NY	73.1	LIC	BLTTL	-20080130AOR
40	W40BS	RENOVO PA	233.0	CP	BDFCDTT	-20060331BJJ
40	W60AH	STROUDSBURG PA	238.1	CP	BDISDTT	-20060403ADD
41	WPBS-TV	WATERTOWN NY	99.6	APP	BPEDT	-20080619ABP
41	WPBS-TV	WATERTOWN NY	99.6	PLN	DTVPLN	-DTVP1479
41	WPBS-TV	WATERTOWN NY	99.6	LIC	BLEDT	-20050923AGH
42	WSKG-TV	BINGHAMTON NY	105.8	LIC	BLEDT	-20050526ACA
42	WSKG-TV	BINGHAMTON NY	105.8	PLN	DTVPLN	-DTVP1512
44	WNYS-TV	SYRACUSE NY	16.5	LIC	BLCDT	-20060509AAQ
44	WNYS-TV	SYRACUSE NY	16.5	PLN	DTVPLN	-DTVP1589
47	WTVH	SYRACUSE NY	5.9	LIC	BLCDT	-20060809ACB
47	WTVH	SYRACUSE NY	5.9	PLN	DTVPLN	-DTVP1684
48	WYDC	CORNING NY	125.4	CP MOD	BMPCDT	-20080619AJR
48	WYDC	CORNING NY	121.6	PLN	DTVPLN	-DTVP1716
40	NEW-LD	JOHNSTOWN PA	402.9	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WBGT-CA	ROCHESTER NY	BLTTL -19971014JH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WNLO	BUFFALO NY	102.5	LIC	BLCDT -20070320AAV
32	WNLO	BUFFALO NY	102.5	PLN	DTVPLN -DTVP1190
33	WGRZ	BUFFALO NY	88.1	LIC	BLCDT -20050705AAG
33	WGRZ-TV	BUFFALO NY	88.1	PLN	DTVPLN -DTVP1223
36	WENY-TV	ELMIRA NY	124.3	CP	BPCDT -20081024ACA
36	WENY-TV	ELMIRA NY	135.3	PLN	DTVPLN -DTVP1340
38	WKBW-TV	BUFFALO NY	97.2	LIC	BLCDT -20051215AAG
38	WKBW-TV	BUFFALO NY	97.2	PLN	DTVPLN -DTVP1374
39	WIVB-TV	BUFFALO NY	96.2	LIC	BLCDT -20020619ABE
39	WIVB-TV	BUFFALO NY	96.2	PLN	DTVPLN -DTVP1409
39	WTKO-LD	ONEIDA NY	163.1	CP	BDCDDTL -20061030ACN
40	WDTB-LP	BUFFALO NY	103.0	STA	BSTA -20021007ACT
40	WIXT-CA	DEWITT NY	129.5	APP	BDFCDTA -20081117AAD
40	WCWF	SARANAC LAKE NY	279.5	CP	BPCDT -20080619ALG
40	WCWF	SARANAC LAKE NY	279.5	PLN	DTVPLN -DTVP1446
40	WVVC-LP	UTICA NY	201.6	LIC	BLTTL -20080130AOR
40	WRAP-CD	CLEVELAND OH	378.9	CP	BDCDDTL -20061030AGC
40	W40BS	RENOVO PA	207.4	CP	BDFCDTT -20060331BJJ
40	W60AH	STROUDSBURG PA	318.8	CP	BDISDTT -20060403ADD
43	WNED-TV	BUFFALO NY	102.5	LIC	BLEDT -20030812AAJ
43	WNED-TV	BUFFALO NY	102.5	PLN	DTVPLN -DTVP1549
44	WNYS-TV	SYRACUSE NY	124.0	LIC	BLCDT -20060509AAQ
44	WNYS-TV	SYRACUSE NY	124.0	PLN	DTVPLN -DTVP1589

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 21 of 39)

47	WTVH	SYRACUSE NY	129.2	LIC	BLCDDT	-20060809ACB
47	WTVH	SYRACUSE NY	129.2	PLN	DTVPLN	-DTVPI684
48	WYDC	CORNING NY	124.3	CP MOD	BMPCDT	-20080619AJR
48	WYDC	CORNING NY	123.6	PLN	DTVPLN	-DTVPI716
40	NEW-LD	JOHNSTOWN PA	353.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WRAP-CD	CLEVELAND OH	BDCCDTL	-20061030AGC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WDLI-TV	CANTON OH	50.2	LIC	BLCDDT	-20030421ABK
39	WDLI-TV	CANTON OH	50.2	PLN	DTVPLN	-DTVPI410
39	WOCB-CA	MARION OH	155.6	LIC	BLDTA	-20090505AAK
39	W63AU	PITTSBURGH PA	202.3	APP	BDISDTL	-20090302AEI
40	WFWA	FORT WAYNE IN	295.3	LIC	BLEDT	-20041112ACP
40	WFWA	FORT WAYNE IN	295.3	PLN	DTVPLN	-DTVPI434
40	WFWA	FORT WAYNE IN	295.3	APP	BPEDT	-20080617ADU
40	NEW	DETROIT MI	145.0	APP	BDCCDTL	-20061027ACH
40	WKAR-TV	EAST LANSING MI	261.0	CP	BPEDT	-20080314ACE
40	WKAR-TV	EAST LANSING MI	261.0	PLN	DTVPLN	-DTVPI439
40	WKAR-TV	EAST LANSING MI	261.0	APP	BMPEDT	-20080620AIJ
40	WRCX-LP	DAYTON OH	292.7	CP	BDPCDTL	-20090507ABE
40	WHIZ-TV	ZANESVILLE OH	176.5	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	176.5	PLN	DTVPLN	-DTVPI447
40	W40BS	RENOVO PA	329.9	CP	BDPCDTT	-20060331BJJ
40	WAZF-LD	FRONT ROYAL VA	393.3	CP	BDCCDTL	-20061027AHI
41	WKBN-TV	YOUNGSTOWN OH	100.5	CP	BPCDDT	-19991025ACU
41	WKBN-TV	YOUNGSTOWN OH	100.5	PLN	DTVPLN	-DTVPI481
40	NEW-LD	JOHNSTOWN PA	260.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WHIZ-TV	ZANESVILLE OH	BMPCDT	-20071022BPE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WDLI-TV	CANTON OH	129.6	LIC	BLCDDT	-20030421ABK
39	WDLI-TV	CANTON OH	129.6	PLN	DTVPLN	-DTVPI410
39	WLPX-TV	CHARLESTON WV	163.1	LIC	BLCDDT	-20020510AAM
39	WLPX-TV	CHARLESTON WV	163.1	PLN	DTVPLN	-DTVPI422
40	WFWA	FORT WAYNE IN	300.7	LIC	BLEDT	-20041112ACP
40	WFWA	FORT WAYNE IN	300.7	PLN	DTVPLN	-DTVPI434

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 22 of 39)

40	WFWA	FORT WAYNE IN	300.7	APP	BPEDT	-20080617ADU
40	WTVQ-DT	LEXINGTON KY	296.0	LIC	BLCDDT	-20050728AMX
40	WTVQ-TV	LEXINGTON KY	296.0	PLN	DTVPLN	-DTVPI435
40	WTVQ-DT	LEXINGTON KY	296.0	CP	BPCDDT	-20081216BJH
40	WKAR-TV	EAST LANSING MI	368.9	CP	BPEDT	-20080314ACE
40	WKAR-TV	EAST LANSING MI	369.0	PLN	DTVPLN	-DTVPI439
40	WKAR-TV	EAST LANSING MI	368.9	APP	BMPEDT	-20080620AIJ
40	WLFB	BLUEFIELD WV	307.7	CP	BPCDDT	-20080317AIS
40	WLFB	BLUEFIELD WV	307.7	PLN	DTVPLN	-DTVPI458
41	WHIO-TV	DAYTON OH	194.3	LIC	BLCDDT	-20040614AEY
41	WHIO-TV	DAYTON OH	194.3	PLN	DTVPLN	-DTVPI480
41	WHIO-TV	DAYTON OH	194.3	CP	BPCDDT	-20080619ACK
41	WKBN-TV	YOUNGSTOWN OH	169.0	CP	BPCDDT	-19991025ACU
41	WKBN-TV	YOUNGSTOWN OH	169.0	PLN	DTVPLN	-DTVPI481
41	WCHS-TV	CHARLESTON WV	169.2	LIC	BLCDDT	-20050621AAQ
41	WCHS-TV	CHARLESTON WV	169.2	PLN	DTVPLN	-DTVPI489
40	NEW-LD	JOHNSTOWN PA	244.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40BS	RENOVO PA	BDPCDTT	-20060331BJJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W43BP	CRESAPOTOWN MD	215.0	CP	BDISDTT	-20060330ALB
39	W63AU	PITTSBURGH PA	199.0	APP	BDISDTL	-20090302AEI
39	W39BE	STATE COLLEGE PA	66.5	CP	BDPCDTT	-20060331BIU
39	W39BT	WILLIAMSPORT PA	53.0	CP	BDPCDTT	-20060331ANI
40	WNUV	BALTIMORE MD	237.8	LIC	BLCDDT	-20051011AOI
40	WNUV	BALTIMORE MD	237.8	PLN	DTVPLN	-DTVPI438
40	WXTV-DT	PATERSON NJ	321.3	LIC	BLCDDT	-20050214AGS
40	WXTV	PATERSON NJ	321.3	PLN	DTVPLN	-DTVPI444
40	WIXT-CA	DEWITT NY	233.0	APP	BDPCDTA	-20081117AAD
40	WRAP-CD	CLEVELAND OH	329.9	CP	BDCCDTL	-20061030AGC
40	WHIZ-TV	ZANESVILLE OH	389.0	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	389.0	PLN	DTVPLN	-DTVPI447
40	W60AH	STROUDSBURG PA	217.2	CP	BDISDTT	-20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	374.5	LIC	BLDTL	-20090331ABV
40	WAZF-LD	FRONT ROYAL VA	237.4	CP	BDCCDTL	-20061027AHI
40	NEW-LD	JOHNSTOWN PA	170.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W40BS	RENOVO PA	BLTT	-20051014ADV

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 23 of 39)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WTAJ-TV	ALTOONA PA	100.7	PLN	DTVPLN	-DTVPI191
32	WTAJ-TV	ALTOONA PA	100.7	LIC	BLCDT	-20051018ACE
36	WENY-TV	ELMIRA NY	108.3	CP	BPCDT	-20081024ACA
36	WENY-TV	ELMIRA NY	114.8	PLN	DTVPLN	-DTVPI1340
36	WITF-TV	HARRISBURG PA	129.7	LIC	BLEDT	-20000922AHE
36	WITF-TV	HARRISBURG PA	129.7	PLN	DTVPLN	-DTVPI1344
36	WITF-TV	HARRISBURG PA	129.7	APP	BPEDT	-20080620AMA
39	W63AU	PITTSBURGH PA	199.0	APP	BDISDTL	-20090302AEI
39	W39BE	STATE COLLEGE PA	66.5	CP	BDPCDT	-20060331BIU
39	W39BT	WILLIAMSPORT PA	53.0	CP	BDPCDT	-20060331ANI
40	WNUV	BALTIMORE MD	237.8	LIC	BLCDT	-20051011AOI
40	WNUV	BALTIMORE MD	237.8	PLN	DTVPLN	-DTVPI1438
40	WXTV-DT	PATERSON NJ	321.3	LIC	BLCDT	-20050214AGS
40	WXTV	PATERSON NJ	321.3	PLN	DTVPLN	-DTVPI1444
40	WIXT-CA	DEWITT NY	233.0	APP	BDPCDTA	-20081117AAD
40	WRAP-CD	CLEVELAND OH	329.9	CP	BDCCDTL	-20061030AGC
40	WHIZ-TV	ZANESVILLE OH	389.0	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	389.0	PLN	DTVPLN	-DTVPI1447
40	W60AH	STROUDSBURG PA	217.2	CP	BDISDTT	-20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	374.5	LIC	BLDTL	-20090331ABV
40	WAZF-LD	FRONT ROYAL VA	237.4	CP	BDCCDTL	-20061027AHI
48	WYDC	CORNING NY	108.2	CP MOD	BMPCDT	-20080619AJR
48	WYDC	CORNING NY	111.9	PLN	DTVPLN	-DTVPI1716
40	NEW-LD	JOHNSTOWN PA	170.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W60AH	STROUDSBURG PA	BDISDTT	-20060403ADD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WNYN-LP	NEW YORK NY	107.6	CP	BDPCDTL	-20060111ACS
39	WLVT-TV	ALLENTOWN PA	50.2	CP MOD	BMPEDT	-20080618AAL
39	WLVT-TV	ALLENTOWN PA	49.8	PLN	DTVPLN	-DTVPI1411
39	W39BT	WILLIAMSPORT PA	164.4	CP	BDPCDTT	-20060331ANI
40	W40BO	BOSTON MA	361.1	CP	BDPCDTT	-20060322ACL
40	W40BO	BOSTON MA	361.1	CP	BDPCDTT	-20090515ACD
40	WGGB-TV	SPRINGFIELD MA	253.7	CP MOD	BMPCDT	-20081124ACP
40	WGGB-TV	SPRINGFIELD MA	253.7	PLN	DTVPLN	-DTVPI1436
40	WNUV	BALTIMORE MD	220.3	LIC	BLCDT	-20051011AOI
40	WNUV	BALTIMORE MD	220.3	PLN	DTVPLN	-DTVPI1438
40	WXTV-DT	PATERSON NJ	104.1	LIC	BLCDT	-20050214AGS
40	WXTV	PATERSON NJ	104.1	PLN	DTVPLN	-DTVPI1444
40	WIXT-CA	DEWITT NY	238.1	APP	BDPCDTA	-20081117AAD
40	WCWF	SARANAC LAKE NY	358.9	CP	BPCDT	-20080619ALG
40	WCWF	SARANAC LAKE NY	358.9	PLN	DTVPLN	-DTVPI1446
40	W40BS	RENOVO PA	217.2	CP	BDPCDTT	-20060331BJJ
40	WAZF-LD	FRONT ROYAL VA	321.6	CP	BDCCDTL	-20061027AHI
41	WNAI-LP	SPRINGVILLE NJ	103.7	CP	BDPCDTL	-20090326ABU
41	W60AI	NEW YORK NY	105.2	APP	BMPEDT	-20090202BMN
41	W60AI	NEW YORK NY	104.1	CP	BDISDTL	-20080317AEL
41	W41DN-D	PORT JERVIS NY	50.0	CP	BDISDTL	-20080117ACU
41	WVIA-TV	SCRANTON PA	61.7	LIC	BLEDT	-20010109AAP

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 24 of 39)

41	WVIA-TV	SCRANTON PA	61.7	PLN	DTVPLN	-DTVPI1482
41	WVIA-TV	SCRANTON PA	61.7	CP	BPEDT	-20080619ADK
40	NEW-LD	JOHNSTOWN PA	344.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WAHU-CA	CHARLOTTESVILLE VA	BLDTL	-20090331ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W43BP	CRESAPTOWN MD	181.2	CP	BDISDTT	-20060330ALB
39	W39CO	RICHMOND VA	100.2	CP	BDPCDTT	-20060328AJQ
40	WNUV	BALTIMORE MD	218.7	LIC	BLCDT	-20051011AOI
40	WNUV	BALTIMORE MD	218.7	PLN	DTVPLN	-DTVPI1438
40	W4OCR-D	BAKERSVILLE NC	395.0	LIC	BLDTT	-20081024ABI
40	WHKY-TV	HICKORY NC	366.9	CP	BPCDT	-20080619AAH
40	WHKY-TV	HICKORY NC	356.1	PLN	DTVPLN	-DTVPI1442
40	WHKY-TV	HICKORY NC	356.1	LIC	BLCDT	-20060630ABW
40	NEW	SPRUCE PINE NC	397.9	APP	BSFDTT	-20060630CSM
40	WILM-LD	WILMINGTON NC	407.8	LIC	BLDTL	-20080902ADL
40	WHIZ-TV	ZANESVILLE OH	372.0	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	372.0	PLN	DTVPLN	-DTVPI1447
40	W40BS	RENOVO PA	374.5	CP	BDPCDTT	-20060331BJJ
40	WAZF-LD	FRONT ROYAL VA	137.2	CP	BDCCDTL	-20061027AHI
40	WTKR	NORFOLK VA	218.1	LIC	BLCDT	-20050617AAW
40	WTKR	NORFOLK VA	218.1	PLN	DTVPLN	-DTVPI1456
40	WLFB	BLUEFIELD WV	259.1	CP	BPCDT	-20080317AIS
40	WLFB	BLUEFIELD WV	259.1	PLN	DTVPLN	-DTVPI1458
41	W41DK-D	KEYSER WV	163.8	LIC	BLDTT	-20081020ANH
40	NEW-LD	JOHNSTOWN PA	250.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WAZF-LD	FRONT ROYAL VA	BDCCDTL	-20061027AHI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W43BP	CRESAPTOWN MD	75.8	CP	BDISDTT	-20060330ALB
39	WJAL	HAGERSTOWN MD	79.3	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	79.5	PLN	DTVPLN	-DTVPI1406
39	W63AU	PITTSBURGH PA	191.4	APP	BDISDTL	-20090302AEI
39	W39BE	STATE COLLEGE PA	171.0	CP	BDPCDTT	-20060331BIU
39	W39CO	RICHMOND VA	195.5	CP	BDPCDTT	-20060328AJQ
40	WNUV	BALTIMORE MD	131.9	LIC	BLCDT	-20051011AOI

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 25 of 39)

40	WNUV	BALTIMORE MD	131.9	PLN	DTVPLN	-DTV1438
40	WRAP-CD	CLEVELAND OH	393.3	CP	BDCCDTL	-20061030AGC
40	WHIZ-TV	ZANESVILLE OH	336.8	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	336.8	PLN	DTVPLN	-DTV1447
40	W40BS	RENOVO PA	237.4	CP	BDFCDDT	-20060331BJJ
40	W60AH	STROUDSBURG PA	321.6	CP	BDISDDT	-20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	137.2	LIC	BLDTL	-20090331ABV
40	WTKR	NORFOLK VA	302.8	LIC	BLCDT	-20050617AAW
40	WTKR	NORFOLK VA	302.8	PLN	DTVPLN	-DTV1456
40	WLFB	BLUEFIELD WV	347.8	CP	BPCDT	-20080317AIS
40	WLFB	BLUEFIELD WV	347.8	PLN	DTVPLN	-DTV1458
40	W40AS	MOOREFIELD WV	67.8	LIC	BLTT	-19910221JI
41	WUTB	BALTIMORE MD	121.9	CP	BPCDT	-20080619AJG
41	WUTB	BALTIMORE MD	121.9	PLN	DTVPLN	-DTV1475
41	W41DK-D	KEYSER WV	80.8	LIC	BLDDT	-20081020ANH
40	NEW-LD	JOHNSTOWN PA	136.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WYAT-LP	MARTINSVILLE VA	BLTTL -20060508AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WUNL-TV	WINSTON-SALEM NC	58.8	LIC	BLEDT -20020717AAH
32	WUNL-TV	WINSTON-SALEM NC	58.7	PLN	DTVPLN -DTV1187
32	WUNL-TV	WINSTON-SALEM NC	58.8	CP	BPEDT -20080617AAL
33	WMYV	GREENSBORO NC	92.6	LIC	BLCDT -20020430ABD
33	WMYV	GREENSBORO NC	92.6	PLN	DTVPLN -DTV1221
36	WPXR-TV	ROANOKE VA	61.2	LIC	BLCDT -20020510AAB
36	WPXR	ROANOKE VA	61.2	PLN	DTVPLN -DTV1352
39	WGSR-LP	REIDSVILLE NC	41.3	LIC	BLTTL -20070413AAA
40	W40CR-D	BAKERSVILLE NC	223.0	LIC	BLDDT -20081024ABI
40	W69CN	BRYSON CITY NC	352.1	CP	BDISDDT -20060317AED
40	WHKY-TV	HICKORY NC	181.3	CP	BPCDT -20080619AAH
40	WHKY-TV	HICKORY NC	170.7	PLN	DTVPLN -DTV1442
40	WHKY-TV	HICKORY NC	170.7	LIC	BLCDT -20060630ABW
40	NEW	SPRUCE PINE NC	221.5	APP	BSFDDT -20060630CSM
40	WILM-LD	WILMINGTON NC	302.5	LIC	BLDTL -20080902ADL
40	W61DG	MORRISTOWN TN	315.4	CP	BDISDDT -20060330AJL
40	WAHU-CA	CHARLOTTESVILLE VA	187.2	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	313.9	CP	BDCCDTL -20061027AHI
40	WTKR	NORFOLK VA	298.4	LIC	BLCDT -20050617AAW
40	WTKR	NORFOLK VA	298.4	PLN	DTVPLN -DTV1456
40	WLFB	BLUEFIELD WV	137.8	CP	BPCDT -20080317AIS
40	WLFB	BLUEFIELD WV	137.8	PLN	DTVPLN -DTV1458
41	W41DL-D	BOONE NC	173.5	LIC	BLDDT -20090615AAT
41	WNCR-LP	TARBORO NC	205.5	APP	BDFCDDT -20090604ACJ
43	WLXI	GREENSBORO NC	92.6	LIC	BLCDT -20060630ADU
43	WLXI-TV	GREENSBORO NC	92.6	PLN	DTVPLN -DTV1546
43	WLXI	GREENSBORO NC	92.6	CP	BPCDT -20080619AII
40	NEW-LD	JOHNSTOWN PA	392.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 26 of 39)

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Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WYAT-LP	MARTINSVILLE VA	BSTA -20040806AGR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WUNL-TV	WINSTON-SALEM NC	48.4	LIC	BLEDT -20020717AAH
32	WUNL-TV	WINSTON-SALEM NC	48.3	PLN	DTVPLN -DTV1187
32	WUNL-TV	WINSTON-SALEM NC	48.4	CP	BPEDT -20080617AAL
33	WMYV	GREENSBORO NC	83.3	LIC	BLCDT -20020430ABD
33	WMYV	GREENSBORO NC	83.3	PLN	DTVPLN -DTV1221
36	WPXR-TV	ROANOKE VA	67.9	LIC	BLCDT -20020510AAB
36	WPXR	ROANOKE VA	67.9	PLN	DTVPLN -DTV1352
39	WGSR-LP	REIDSVILLE NC	36.2	LIC	BLTTL -20070413AAA
40	W40CR-D	BAKERSVILLE NC	214.5	LIC	BLDDT -20081024ABI
40	W69CN	BRYSON CITY NC	342.9	CP	BDISDDT -20060317AED
40	WHKY-TV	HICKORY NC	170.7	CP	BPCDT -20080619AAH
40	WHKY-TV	HICKORY NC	160.1	PLN	DTVPLN -DTV1442
40	WHKY-TV	HICKORY NC	160.1	LIC	BLCDT -20060630ABW
40	NEW	SPRUCE PINE NC	212.3	APP	BSFDDT -20060630CSM
40	WILM-LD	WILMINGTON NC	297.1	LIC	BLDTL -20080902ADL
40	W61DG	MORRISTOWN TN	308.3	CP	BDISDDT -20060330AJL
40	WAHU-CA	CHARLOTTESVILLE VA	198.4	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	325.2	CP	BDCCDTL -20061027AHI
40	WTKR	NORFOLK VA	305.0	LIC	BLCDT -20050617AAW
40	WTKR	NORFOLK VA	305.0	PLN	DTVPLN -DTV1456
40	WLFB	BLUEFIELD WV	137.0	CP	BPCDT -20080317AIS
40	WLFB	BLUEFIELD WV	137.0	PLN	DTVPLN -DTV1458
41	W41DL-D	BOONE NC	165.3	LIC	BLDDT -20090615AAT
43	WLXI	GREENSBORO NC	83.4	LIC	BLCDT -20060630ADU
43	WLXI-TV	GREENSBORO NC	83.4	PLN	DTVPLN -DTV1546
43	WLXI	GREENSBORO NC	83.4	CP	BPCDT -20080619AII
40	NEW-LD	JOHNSTOWN PA	402.4	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WYAT-LP	MARTINSVILLE VA	BPTTL -20070416AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WUNL-TV	WINSTON-SALEM NC	58.8	LIC	BLEDT -20020717AAH
32	WUNL-TV	WINSTON-SALEM NC	58.7	PLN	DTVPLN -DTV1187
32	WUNL-TV	WINSTON-SALEM NC	58.8	CP	BPEDT -20080617AAL
33	WMYV	GREENSBORO NC	92.6	LIC	BLCDT -20020430ABD

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 27 of 39)

33	WMYV	GREENSBORO NC	92.6	PLN	DTVPLN	-DTVPI221
36	WPXR-TV	ROANOKE VA	61.2	LIC	BLCDT	-20020510AAB
36	WPXR	ROANOKE VA	61.2	PLN	DTVPLN	-DTVPI352
40	W40CR-D	BAKERSVILLE NC	223.0	LIC	BLDTT	-20081024ABI
40	W69CN	BRYSON CITY NC	352.1	CP	BDISDTT	-20060317AED
40	WHKY-TV	HICKORY NC	181.3	CP	BPCDT	-20080619AAH
40	WHKY-TV	HICKORY NC	170.7	PLN	DTVPLN	-DTVPI442
40	WHKY-TV	HICKORY NC	170.7	LIC	BLCDT	-20060630ABW
40	NEW	SPRUCE PINE NC	221.5	APP	BSFDDT	-20060630CSM
40	WILM-LD	WILMINGTON NC	302.5	LIC	BLDTL	-20080902ADL
40	W61DG	MORRISTOWN TN	315.4	CP	BDISDTT	-20060330AJL
40	WAHU-CA	CHARLOTTESVILLE VA	187.2	LIC	BLDTL	-20090331ABV
40	WAZF-LD	FRONT ROYAL VA	313.9	CP	BDCCDTL	-20061027AHI
40	WTKR	NORFOLK VA	298.4	LIC	BLCDT	-20050617AAW
40	WTKR	NORFOLK VA	298.4	PLN	DTVPLN	-DTVPI456
40	WLFB	BLUEFIELD WV	137.8	CP	BPCDT	-20080317AIS
40	WLFB	BLUEFIELD WV	137.8	PLN	DTVPLN	-DTVPI458
41	W41DL-D	BOONE NC	173.5	LIC	BLDTT	-20090615AAT
41	WNCR-LP	TARBORO NC	205.5	APP	BDFCDTL	-20090604ACJ
43	WLXI	GREENSBORO NC	92.6	LIC	BLCDT	-20060630ADU
43	WLXI-TV	GREENSBORO NC	92.6	PLN	DTVPLN	-DTVPI546
43	WLXI	GREENSBORO NC	92.6	CP	BPCDT	-20080619AII
40	NEW-LD	JOHNSTOWN PA	392.0	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WLFB	BLUEFIELD WV	BPCDT -20080317AIS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	WMT-TV	ROCK HILL SC	206.6	CP MOD	BMPCDT -20080319ADB
39	WMT-TV	ROCK HILL SC	206.6	PLN	DTVPLN -DTVPI413
39	WLPX-TV	CHARLESTON WV	146.2	LIC	BLCDT -20020510AAM
39	WLPX-TV	CHARLESTON WV	146.2	PLN	DTVPLN -DTVPI422
40	WTVQ-DT	LEXINGTON KY	290.3	LIC	BLCDT -20050728AMX
40	WTVQ-TV	LEXINGTON KY	290.3	PLN	DTVPLN -DTVPI435
40	WTVQ-DT	LEXINGTON KY	290.3	CP	BPCDT -20081216BJH
40	WHKY-TV	HICKORY NC	174.0	CP	BPCDT -20080619AAH
40	WHKY-TV	HICKORY NC	165.3	PLN	DTVPLN -DTVPI442
40	WHKY-TV	HICKORY NC	165.3	LIC	BLCDT -20060630ABW
40	WHIZ-TV	ZANESVILLE OH	307.7	CP MOD	BMPCDT -20071022BPE
40	WHIZ-TV	ZANESVILLE OH	307.7	PLN	DTVPLN -DTVPI447
40	WDSI-TV	CHATTANOOGA TN	423.8	LIC	BLCDT -20051011ABS
40	WDSI-TV	CHATTANOOGA TN	423.8	PLN	DTVPLN -DTVPI450
40	WTKR	NORFOLK VA	424.6	LIC	BLCDT -20050617AAW
40	WTKR	NORFOLK VA	424.6	PLN	DTVPLN -DTVPI456
41	WETP-TV	SNEEDVILLE TN	194.6	LIC	BLEDT -20050916AAX
41	WETP-TV	SNEEDVILLE TN	194.6	PLN	DTVPLN -DTVPI484
41	WCHS-TV	CHARLESTON WV	143.7	LIC	BLCDT -20050621AAQ
41	WCHS-TV	CHARLESTON WV	143.7	PLN	DTVPLN -DTVPI489
40	NEW-LD	JOHNSTOWN PA	377.6	APP	USERRECORD-01

Proposal causes no interference

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 28 of 39)

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	W40AS	MOOREFIELD WV	BLTT -19910221JI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WVIR-TV	CHARLOTTESVILLE VA	117.1	LIC	BLCDT -20040908AAE
32	WVIR-TV	CHARLOTTESVILLE VA	117.1	PLN	DTVPLN -DTVPI201
33	WNPB-TV	MORGANTOWN WV	108.0	CP MOD	BMPEDT -20080619ACQ
33	WNPB-TV	MORGANTOWN WV	108.0	PLN	DTVPLN -DTVPI239
33	WNPB-TV	MORGANTOWN WV	108.0	LIC	BLEDT -20040108AKW
36	WGPT	OAKLAND MD	57.4	APP	BMPEDT -20080620ANK
36	WGPT	OAKLAND MD	57.4	PLN	DTVPLN -DTVPI332
36	WGPT	OAKLAND MD	57.4	APP	BMPEDT -20080620ANK
36	WGPT	OAKLAND MD	57.4	CP	BPEDT -20080318AAB
39	W43BP	CRESAPTOWN MD	66.6	CP	BDISDTT -20060330ALB
39	WJAL	HAGERSTOWN MD	129.2	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	129.4	PLN	DTVPLN -DTVPI406
39	W63AU	PITTSBURGH PA	173.6	APP	BDISDTL -20090302AEI
39	W39CO	RICHMOND VA	203.9	CP	BDFCDTT -20060328AJQ
40	WNUV	BALTIMORE MD	198.6	LIC	BLCDT -20051011AOI
40	WNUV	BALTIMORE MD	198.6	PLN	DTVPLN -DTVPI438
40	WRAP-CD	CLEVELAND OH	366.3	CP	BDCCDTL -20061030AGC
40	WHIZ-TV	ZANESVILLE OH	284.2	CP MOD	BMPCDT -20071022BPE
40	WHIZ-TV	ZANESVILLE OH	284.2	PLN	DTVPLN -DTVPI447
40	W40BS	RENOVO PA	276.4	CP	BDFCDTT -20060331BJJ
40	W60AH	STROUDSBURG PA	386.4	CP	BDISDTT -20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	117.0	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	67.8	CP	BDCCDTL -20061027AHI
40	WTKR	NORFOLK VA	320.7	LIC	BLCDT -20050617AAW
40	WTKR	NORFOLK VA	320.7	PLN	DTVPLN -DTVPI456
40	WLFB	BLUEFIELD WV	284.2	CP	BPCDT -20080317AIS
40	WLFB	BLUEFIELD WV	284.2	PLN	DTVPLN -DTVPI458
41	W41DK-D	KEYSER WV	46.8	LIC	BLDTT -20081020ANH
44	WWPB	HAGERSTOWN MD	109.7	CP	BPEDT -20080620ANI
44	WWPB	HAGERSTOWN MD	109.7	PLN	DTVPLN -DTVPI577
44	WWPB	HAGERSTOWN MD	109.7	LIC	BLEDT -20031029ACE
40	NEW-LD	JOHNSTOWN PA	134.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	WKBN-TV	YOUNGSTOWN OH	BPCDT -19991025ACU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WHIZ-TV	ZANESVILLE OH	169.0	CP MOD	BMPCDT -20071022BPE

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 29 of 39)

40	WHIZ-TV	ZANESVILLE OH	169.0	PLN	DTVPLN	-DTVPI447
41	WUTB	BALTIMORE MD	384.1	CP	BPCDT	-20080619AJG
41	WUTB	BALTIMORE MD	384.1	PLN	DTVPLN	-DTVPI475
41	WXYZ-TV	DETROIT MI	267.1	CP MOD	BMPCDT	-20080618ABH
41	WXYZ-TV	DETROIT MI	267.1	PLN	DTVPLN	-DTVPI476
41	WXYZ-TV	DETROIT MI	267.1	LIC	BLCDT	-20030325ABI
41	WHIO-TV	DAYTON OH	338.5	LIC	BLCDT	-20040614AEY
41	WHIO-TV	DAYTON OH	338.5	PLN	DTVPLN	-DTVPI480
41	WHIO-TV	DAYTON OH	338.5	CP	BPCDT	-20080619ACK
41	WVIA-TV	SCRANTON PA	400.0	LIC	BLEDT	-20010109AAP
41	WVIA-TV	SCRANTON PA	400.0	PLN	DTVPLN	-DTVPI482
41	WVIA-TV	SCRANTON PA	400.0	CP	BPEDT	-20080619ADK
41	WCHS-TV	CHARLESTON WV	313.4	LIC	BLCDT	-20050621AAQ
41	WCHS-TV	CHARLESTON WV	313.4	PLN	DTVPLN	-DTVPI489
42	WGGN-TV	SANDUSKY OH	151.3	CP MOD	BMPCDT	-20081024AER
42	WGGN-TV	SANDUSKY OH	183.4	PLN	DTVPLN	-DTVPI513
42	WPMY	PITTSBURGH PA	82.5	LIC	BLCDT	-20060608AAB
42	WPMY	PITTSBURGH PA	82.5	PLN	DTVPLN	-DTVPI516
40	NEW-LD	JOHNSTOWN PA	160.7	APP	USERRECORD-01	

Total scenarios = 72

Result key: 177

Scenario 33 Affected station 34 WKBN-TV
Before AnalysisResults for: 41A OH YOUNGSTOWN BPCDT 19991025ACU CP
HAAT 418.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5706630	33749.9
not affected by terrain losses	5197318	32280.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1340140	2625.7
lost to ATV IX only	1340140	2625.7
lost to all IX	1340140	2625.7

Potential Interfering Stations Included in above Scenario 33

41A MD BALTIMORE	BPCDT	20080619AJG	CP
41A MI DETROIT	BLCDT	20030325ABI	LIC
41A OH DAYTON	BPCDT	20080619ACK	CP
41A WV CHARLESTON	BLCDT	20050621AAQ	LIC
42A OH SANDUSKY	BMPCDT	20081024AER	CP
42A PA PITTSBURGH	BLCDT	20060608AAB	LIC

After Analysis

Results for: 41A OH YOUNGSTOWN BPCDT 19991025ACU CP
HAAT 418.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5706630	33749.9
not affected by terrain losses	5197318	32280.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1340523	2630.6
lost to ATV IX only	1340523	2630.6
lost to all IX	1340523	2630.6

Potential Interfering Stations Included in above Scenario 33

41A MD BALTIMORE	BPCDT	20080619AJG	CP
41A MI DETROIT	BLCDT	20030325ABI	LIC
41A OH DAYTON	BPCDT	20080619ACK	CP

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 30 of 39)

41A WV CHARLESTON	BLCDT	20050621AAQ	LIC
42A OH SANDUSKY	BMPCDT	20081024AER	CP
42A PA PITTSBURGH	BLCDT	20060608AAB	LIC
40A PA JOHNSTOWN	USERRECORD01		APP

Percent new IX = 0.0099%

Worst case new IX 0.0099% Scenario 33

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Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	W41CF	ALTOONA PA	BLTT	-20000403ABN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	WJAC-TV	JOHNSTOWN PA	50.5	CP	BPCDT	-20080619ADU
34	WJAC-TV	JOHNSTOWN PA	50.5	PLN	DTVPLN	-DTVPI268
34	WJAC-TV	JOHNSTOWN PA	50.5	LIC	BLCDT	-20051123AKN
38	WQEX	PITTSBURGH PA	129.2	CP MOD	BMPCDT	-20080620AAM
38	WQEX	PITTSBURGH PA	129.2	PLN	DTVPLN	-DTVPI377
39	WJAL	HAGERSTOWN MD	85.3	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	85.1	PLN	DTVPLN	-DTVPI406
40	W40BS	RENOVO PA	100.9	CP	BDFCDTL	-20060331BJJ
40	W4ZF-LD	FRONT ROYAL VA	154.2	CP	BDCCDTL	-20061027AHI
41	WUTB	BALTIMORE MD	201.9	CP	BPCDT	-20080619AJG
41	WUTB	BALTIMORE MD	201.9	PLN	DTVPLN	-DTVPI475
41	WNAI-LP	SPRINGVILLE NJ	278.0	CP	BDFCDTL	-20090326ABU
41	W60AI	NEW YORK NY	377.8	APP	BMPDTL	-20090202BMN
41	W60AI	NEW YORK NY	376.3	CP	BDISDTL	-20080317AEL
41	W41DN-D	PORT JERVIS NY	327.6	CP	BDISDTL	-20080117ACU
41	WKBN-TV	YOUNGSTOWN OH	193.1	CP	BPCDT	-19991025ACU
41	WKBN-TV	YOUNGSTOWN OH	193.1	PLN	DTVPLN	-DTVPI481
41	WVIA-TV	SCRANTON PA	226.7	LIC	BLEDT	-20010109AAP
41	WVIA-TV	SCRANTON PA	226.7	PLN	DTVPLN	-DTVPI482
41	WVIA-TV	SCRANTON PA	226.7	CP	BPEDT	-20080619ADK
41	WCHS-TV	CHARLESTON WV	381.6	LIC	BLCDT	-20050621AAQ
41	WCHS-TV	CHARLESTON WV	381.6	PLN	DTVPLN	-DTVPI489
41	W41AO	HAMPSHIRE, ETC. WV	124.2	LIC	BLTT	-19921006JH
41	W41DK-D	KEYSER WV	142.3	LIC	BLDTT	-20081020ANH
41	W41AA	WHEELING WV	203.6	LIC	BLTT	-1606
42	WPMY	PITTSBURGH PA	132.2	LIC	BLCDT	-20060608AAB
42	WPMY	PITTSBURGH PA	132.2	PLN	DTVPLN	-DTVPI516
42	W42DG-D	STATE COLLEGE PA	49.5	LIC	BLDTL	-20071109AAR
42	WHSV-TV	HARRISONBURG VA	178.8	APP	BDRTCT	-20090401APJ
43	WPGH-TV	PITTSBURGH PA	132.2	CP MOD	BMPCDT	-20021216AAS
43	WPGH-TV	PITTSBURGH PA	132.2	PLN	DTVPLN	-DTVPI553
43	WPGH-TV	PITTSBURGH PA	132.2	LIC	BLCDT	-20021216AAT
44	WWPB	HAGERSTOWN MD	109.3	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	109.3	PLN	DTVPLN	-DTVPI577
44	WWPB	HAGERSTOWN MD	109.3	LIC	BLEDT	-20031029ACE
48	WPXI	PITTSBURGH PA	132.4	LIC	BLCDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	132.4	PLN	DTVPLN	-DTVPI718
40	NEW-LD	JOHNSTOWN PA	72.2	APP	USERRECORD-01	

Proposal causes no interference

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 31 of 39)

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Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	W41AO	HAMPSHIRE, ETC. WV	BLTT -19921006JH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WHUT-TV	WASHINGTON DC	122.6	APP	BPEDT -20080619AGL
33	WHUT-TV	WASHINGTON DC	122.6	PLN	DTVPLN -DTVPI213
33	WHUT-TV	WASHINGTON DC	122.6	CP MOD	BMPEDT -20030409AAR
33	WNPB-TV	MORGANTOWN WV	124.2	CP MOD	BMPEDT -20080619ACQ
33	WNPB-TV	MORGANTOWN WV	124.2	PLN	DTVPLN -DTVPI239
33	WNPB-TV	MORGANTOWN WV	124.2	LIC	BLEDT -20040108AKW
34	WJAC-TV	JOHNSTOWN PA	115.7	CP	BPCDT -20080619ADU
34	WJAC-TV	JOHNSTOWN PA	115.7	PLN	DTVPLN -DTVPI268
34	WJAC-TV	JOHNSTOWN PA	115.7	LIC	BLCDT -20051123AKN
34	WPXW-TV	MANASSAS VA	122.6	CP MOD	BMPCDT -20080620AML
34	WPXW	MANASSAS VA	122.6	PLN	DTVPLN -DTVPI276
39	WJAL	HAGERSTOWN MD	58.7	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	58.9	PLN	DTVPLN -DTVPI406
40	WAHU-CA	CHARLOTTESVILLE VA	163.4	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	32.3	CP	BDCCDTL -20061027AHI
41	WUTB	BALTIMORE MD	137.6	CP	BPCDT -20080619AJG
41	WUTB	BALTIMORE MD	137.6	PLN	DTVPLN -DTVPI475
41	WNCR-LP	TARBORO NC	397.5	APP	BDPCDTL -20090604ACJ
41	WNAI-LP	SPRINGVILLE NJ	273.9	CP	BDPCDTL -20090326ABU
41	W6OAI	NEW YORK NY	399.7	APP	BMPDTL -20090202BMN
41	W6OAI	NEW YORK NY	397.9	CP	BDISDTL -20080317AEL
41	W41DN-D	PORT JERVIS NY	362.6	CP	BDISDTL -20080117ACU
41	WKBN-TV	YOUNGSTOWN OH	264.3	CP	BPCDT -19991025ACU
41	WKBN-TV	YOUNGSTOWN OH	264.3	PLN	DTVPLN -DTVPI481
41	W41CF	ALTOONA PA	124.2	LIC	BLTT -20000403ABN
41	WVIA-TV	SCRANTON PA	284.7	LIC	BLEDT -20010109AAP
41	WVIA-TV	SCRANTON PA	284.7	PLN	DTVPLN -DTVPI482
41	WVIA-TV	SCRANTON PA	284.7	CP	BPEDT -20080619ADK
41	WCHS-TV	CHARLESTON WV	328.5	LIC	BLCDT -20050621AAQ
41	WCHS-TV	CHARLESTON WV	328.5	PLN	DTVPLN -DTVPI489
41	W41DK-D	KEYSER WV	63.3	LIC	BLDTT -20081020ANH
41	W41AA	WHEELING WV	216.3	LIC	BLTT -1606
42	W42DG-D	STATE COLLEGE PA	146.1	LIC	BLDTL -20071109AAR
42	WHSV-TV	HARRISONBURG VA	54.6	APP	BDRTCT -20090401APJ
44	WWPB	HAGERSTOWN MD	39.3	CP	BPEDT -20080620ANI
44	WWPB	HAGERSTOWN MD	39.3	PLN	DTVPLN -DTVPI577
44	WWPB	HAGERSTOWN MD	39.3	LIC	BLEDT -20031029ACE
48	WRC-TV	WASHINGTON DC	123.0	LIC	BLCDT -20000216AAT
48	WRC-TV	WASHINGTON DC	123.0	PLN	DTVPLN -DTVPI702
49	WHSV-TV	HARRISONBURG VA	97.6	LIC	BLCDT -20060413ACO
49	WHSV-TV	HARRISONBURG VA	97.6	PLN	DTVPLN -DTVPI756
40	NEW-LD	JOHNSTOWN PA	105.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 37

Table 1 OET Bulletin 69 Interference Study

(worst-case scenarios shown page 32 of 39)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	W41DK-D	KEYSER WV	BLDTT -20081020ANH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WAHU-CA	CHARLOTTESVILLE VA	163.8	LIC	BLDTL -20090331ABV
40	WAZF-LD	FRONT ROYAL VA	80.8	CP	BDCCDTL -20061027AHI
41	WUTB	BALTIMORE MD	199.6	CP	BPCDT -20080619AJG
41	WUTB	BALTIMORE MD	199.6	PLN	DTVPLN -DTVPI475
41	W41DL-D	BOONE NC	418.9	LIC	BLDTT -20090615AAT
41	WNCR-LP	TARBORO NC	403.2	APP	BDPCDTL -20090604ACJ
41	WNAI-LP	SPRINGVILLE NJ	336.6	CP	BDPCDTL -20090326ABU
41	W41DN-D	PORT JERVIS NY	421.5	CP	BDISDTL -20080117ACU
41	WKBN-TV	YOUNGSTOWN OH	228.7	CP	BPCDT -19991025ACU
41	WKBN-TV	YOUNGSTOWN OH	228.7	PLN	DTVPLN -DTVPI481
41	WVIA-TV	SCRANTON PA	337.6	LIC	BLEDT -20010109AAP
41	WVIA-TV	SCRANTON PA	337.6	PLN	DTVPLN -DTVPI482
41	WVIA-TV	SCRANTON PA	337.7	CP	BPEDT -20080619ADK
41	WCHS-TV	CHARLESTON WV	267.2	LIC	BLCDT -20050621AAQ
41	WCHS-TV	CHARLESTON WV	267.2	PLN	DTVPLN -DTVPI489
41	W41AO	HAMPSHIRE, ETC. WV	63.3	LIC	BLTT -19921006JH
41	W41AA	WHEELING WV	161.7	LIC	BLTT -1606
42	W42DG-D	STATE COLLEGE PA	179.6	LIC	BLDTL -20071109AAR
42	WHSV-TV	HARRISONBURG VA	79.7	APP	BDRTCT -20090401APJ
40	NEW-LD	JOHNSTOWN PA	88.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application Ref. No.
41	W41AA	WHEELING WV	BLTT -1606

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	WNPB-TV	MORGANTOWN WV	93.7	CP MOD	BMPEDT -20080619ACQ
33	WNPB-TV	MORGANTOWN WV	93.7	PLN	DTVPLN -DTVPI239
33	WNPB-TV	MORGANTOWN WV	93.7	LIC	BLEDT -20040108AKW
38	WQEX	PITTSBURGH PA	79.4	CP MOD	BMPCDT -20080620AAM
38	WQEX	PITTSBURGH PA	79.4	PLN	DTVPLN -DTVPI377
39	WDLI-TV	CANTON OH	131.4	LIC	BLCDT -20030421ABK
39	WDLI-TV	CANTON OH	131.4	PLN	DTVPLN -DTVPI410
40	WRAP-CD	CLEVELAND OH	178.6	CP	BDCCDTL -20061030AGC
40	WHIZ-TV	ZANESVILLE OH	106.0	CP MOD	BMPCDT -20071022BPE
40	WHIZ-TV	ZANESVILLE OH	106.0	PLN	DTVPLN -DTVPI447
41	WUTB	BALTIMORE MD	352.1	CP	BPCDT -20080619AJG
41	WUTB	BALTIMORE MD	352.1	PLN	DTVPLN -DTVPI475
41	WXYZ-TV	DETROIT MI	339.5	CP MOD	BMPCDT -20080618ABH
41	WXYZ-TV	DETROIT MI	339.5	PLN	DTVPLN -DTVPI476
41	WXYZ-TV	DETROIT MI	339.5	LIC	BLCDT -20030325ABI
41	WHIO-TV	DAYTON OH	300.3	LIC	BLCDT -20040614AEY
41	WHIO-TV	DAYTON OH	300.3	PLN	DTVPLN -DTVPI480
41	WHIO-TV	DAYTON OH	300.3	CP	BPCDT -20080619ACK
41	WKBN-TV	YOUNGSTOWN OH	111.0	CP	BPCDT -19991025ACU

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 33 of 39)

41	WKBN-TV	YOUNGSTOWN OH	111.0	PLN	DTVPLN	-DTV1481
41	W41CF	ALTOONA PA	203.6	LIC	BLTT	-20000403ABN
41	WCHS-TV	CHARLESTON WV	208.8	LIC	BLCDT	-20050621AAQ
41	WCHS-TV	CHARLESTON WV	208.8	PLN	DTVPLN	-DTV1489
41	W41DK-D	KEYSER WV	161.7	LIC	BLDTT	-20081020ANH
42	WXCB-CA	DELAWARE OH	197.2	CP	BDPCDTA	-20080604ADD
42	WXCB-CA	DELAWARE OH	197.2	CP	BDPCDTA	-20080804AAX
42	WPMY	PITTSBURGH PA	79.6	LIC	BLCDT	-20060608AAB
42	WPMY	PITTSBURGH PA	79.6	PLN	DTVPLN	-DTV1516
43	WPGH-TV	PITTSBURGH PA	79.6	CP MOD	BMPCDT	-20021216AAS
43	WPGH-TV	PITTSBURGH PA	79.6	PLN	DTVPLN	-DTV1553
43	WPGH-TV	PITTSBURGH PA	79.6	LIC	BLCDT	-20021216AAT
45	WNEO	ALLIANCE OH	94.9	CP MOD	BMPEDT	-20080619AIA
45	WNEO	ALLIANCE OH	94.9	PLN	DTVPLN	-DTV1627
48	WPXI	PITTSBURGH PA	77.6	LIC	BLCDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	77.6	PLN	DTVPLN	-DTV1718
49	WDLI-DR	CANTON OH	131.4	APP	BPRM	-20080620AHX
49	WTAP-TV	PARKERSBURG WV	105.3	CP	BPEDT	-20080617ABQ
49	WTAP-TV	PARKERSBURG WV	105.3	PLN	DTVPLN	-DTV1759
49	WTAP-TV	PARKERSBURG WV	105.3	LIC	BLCDT	-20040423ABG
56	WWVW-LP	WHEELING, ETC. WV	0.0	LIC	BLTTL	-20000810ABX
40	NEW-LD	JOHNSTOWN PA	138.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application Ref. No.
42	W42CK	HAGERSTOWN MD	BLTTL -19991020AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	WJAC-TV	JOHNSTOWN PA	132.7	CP	BPCDT -20080619ADU
34	WJAC-TV	JOHNSTOWN PA	132.7	PLN	DTVPLN -DTV1268
34	WJAC-TV	JOHNSTOWN PA	132.7	LIC	BLCDT -20051123AKN
34	WPXW-TV	MANASSAS VA	95.0	CP MOD	BMPCDT -20080620AML
34	WPXW	MANASSAS VA	95.0	PLN	DTVPLN -DTV1276
35	WDCA	WASHINGTON DC	94.4	CP MOD	BMPCDT -20060519ACK
35	WDCA	WASHINGTON DC	94.4	PLN	DTVPLN -DTV1283
35	WDCA	WASHINGTON DC	94.4	APP	BPCDT -20080620ANP
38	WMAR-TV	BALTIMORE MD	101.8	CP	BPCDT -20080222ABC
38	WMAR-TV	BALTIMORE MD	101.8	PLN	DTVPLN -DTV1367
39	WJAL	HAGERSTOWN MD	34.9	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	35.1	PLN	DTVPLN -DTV1406
40	WNUV	BALTIMORE MD	101.8	LIC	BLCDT -20051011AOI
40	WNUV	BALTIMORE MD	101.8	PLN	DTVPLN -DTV1438
41	WUTB	BALTIMORE MD	94.7	CP	BPEDT -20080619AJG
41	WUTB	BALTIMORE MD	94.7	PLN	DTVPLN -DTV1475
41	W41DK-D	KEYSER WV	114.2	LIC	BLDTT -20081020ANH
42	WSAH	BRIDGEPORT CT	346.2	APP	BPCDT -20080620ALT
42	WMPT	ANNAPOLIS MD	120.9	CP	BPEDT -20080620AIA
42	WMPT	ANNAPOLIS MD	120.9	PLN	DTVPLN -DTV1507
42	WMPT	ANNAPOLIS MD	120.9	LIC	BLCDT -20030903ABC
42	W42CO	ROCHESTER MI	392.1	CP	BDPCDTT -20060331BDS
42	WSKG-TV	BINGHAMTON NY	313.1	LIC	BLCDT -20050526ACA

Table 1 OET Bulletin 69 Interference Study
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42	WSKG-TV	BINGHAMTON NY	313.1	PLN	DTVPLN	-DTV1512
42	W42CX	PORT JERVIS NY	339.9	CP	BDPCDTL	-20080215AGD
42	W30AJ	SYRACUSE NY	405.8	APP	BDISDTL	-20090310ADY
42	WTFX-TV	PHILADELPHIA PA	222.3	APP	BMPCDT	-20080616AAQ
42	WTFX-TV	PHILADELPHIA PA	222.2	PLN	DTVPLN	-DTV1515
42	WTFX-TV	PHILADELPHIA PA	222.3	CP MOD	BMPCDT	-20090520AGI
42	WTFX-TV	PHILADELPHIA PA	222.3	LIC	BLCDT	-20070914AAK
42	WPMY	PITTSBURGH PA	213.2	LIC	BLCDT	-20060608AAB
42	WPMY	PITTSBURGH PA	213.2	PLN	DTVPLN	-DTV1516
42	W42DG-D	STATE COLLEGE PA	123.4	LIC	BLDTL	-20071109AAR
42	WHSV-TV	HARRISONBURG VA	86.4	APP	BDRTCT	-20090401APJ
42	WCVE-TV	RICHMOND VA	233.8	LIC	BLCDT	-20050606AHG
42	WCVE-TV	RICHMOND VA	233.7	PLN	DTVPLN	-DTV1523
42	WCVE-TV	RICHMOND VA	233.7	APP	BPEDT	-20080610AAQ
43	WIAV-LD	WASHINGTON DC	103.7	APP	BDISDTL	-20090428AAY
43	WAZM-LD	STAUNTON-WAYNESBORO VA	160.0	CP	BDCCDTL	-20061030AAA
44	WWPB	HAGERSTOWN MD	16.8	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	16.8	PLN	DTVPLN	-DTV1577
44	WWPB	HAGERSTOWN MD	16.8	LIC	BLCDT	-20031029ACE
46	WBFF	BALTIMORE MD	101.8	CP	BPCDT	-19980803KR
46	WBFF	BALTIMORE MD	101.8	PLN	DTVPLN	-DTV1647
46	WKBS-TV	ALTOONA PA	120.5	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	120.5	PLN	DTVPLN	-DTV1656
46	WKBS-TV	ALTOONA PA	120.5	LIC	BLCDT	-20060629ACS
49	WHSV-TV	HARRISONBURG VA	134.0	LIC	BLCDT	-20060413ACO
49	WHSV-TV	HARRISONBURG VA	134.0	PLN	DTVPLN	-DTV1756
50	WDCW	WASHINGTON DC	97.0	APP	BMPCDT	-20080619AGG
50	WDCW	WASHINGTON DC	97.0	PLN	DTVPLN	-DTV1764
50	WDCW	WASHINGTON DC	97.0	CP	BPCDT	-20080229ACH
40	NEW-LD	JOHNSTOWN PA	131.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application Ref. No.
43	W43BP	CRESAPTOWN MD	BLTT -19981124JUI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	WGPT	OAKLAND MD	39.2	APP	BMPCDT -20080620ANK
36	WGPT	OAKLAND MD	39.2	PLN	DTVPLN -DTV1332
36	WGPT	OAKLAND MD	39.2	APP	BMPCDT -20080620ANK
36	WGPT	OAKLAND MD	39.2	CP	BPEDT -20080318AAB
39	WJAL	HAGERSTOWN MD	86.6	CP MOD	BMPCDT -20081008ABR
39	WJAL	HAGERSTOWN MD	86.7	PLN	DTVPLN -DTV1406
42	W42DG-D	STATE COLLEGE PA	152.6	LIC	BLDTL -20071109AAR
42	WHSV-TV	HARRISONBURG VA	84.6	APP	BDRTCT -20090401APJ
43	WIAV-LD	WASHINGTON DC	185.6	APP	BDISDTL -20090428AAY
43	W43CH	BELVIDERE NJ	351.3	CP	BDPCDTT -20061010AET
43	WNJT	TRENTON NJ	367.3	CP	BPEDT -20080620AGH
43	WNJT	TRENTON NJ	367.1	PLN	DTVPLN -DTV1548
43	WNJT	TRENTON NJ	367.3	LIC	BLCDT -20030411AAE
43	WNED-TV	BUFFALO NY	383.3	LIC	BLCDT -20030812AAJ
43	WNED-TV	BUFFALO NY	383.3	PLN	DTVPLN -DTV1549

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(worst-case scenarios shown page 35 of 39)

43	WPBO	PORTSMOUTH OH	370.1	LIC	BLEDT	-20040323ATV
43	WPBO	PORTSMOUTH OH	370.1	PLN	DTVPLN	-DTVP1551
43	WLEP-LD	ERIE PA	294.2	CP	BDCCDTL	-20061024AER
43	W43CO-D	KINGSTON PA	319.2	CP	BDCCDTL	-20061030AGG
43	WPGH-TV	PITTSBURGH PA	138.5	CP MOD	BMPCDT	-20021216AAS
43	WPGH-TV	PITTSBURGH PA	138.5	PLN	DTVPLN	-DTVP1553
43	WPGH-TV	PITTSBURGH PA	138.5	LIC	BLCDT	-20021216AAT
43	WTLU-LD	LYNCHBURG VA	248.0	CP MOD	BMPDTL	-20080804ABZ
43	WAZM-LD	STAUNTON-WAYNESBORO VA	132.5	CP	BDCCDTL	-20061030AAA
43	WBTD-LD	SUFFOLK VA	370.9	CP	BDCCDTL	-20061020ACR
44	WIAV-LD	WASHINGTON DC	185.6	CP	BDCCDTL	-20071128AGL
44	WWPB	HAGERSTOWN MD	79.8	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	79.8	PLN	DTVPLN	-DTVP1577
44	WWPB	HAGERSTOWN MD	79.8	LIC	BLEDT	-20031029ACE
44	W44CF	CLARKSBURG WV	124.7	CP	BDFCDTT	-20060313AAK
46	WKBS-TV	ALTOONA PA	116.6	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	116.6	PLN	DTVPLN	-DTVP1656
46	WKBS-TV	ALTOONA PA	116.6	LIC	BLCDT	-20060629ACS
50	WPCB-TV	GREENSBURG PA	117.5	LIC	BLCDT	-20030409ABC
50	WPCB-TV	GREENSBURG PA	117.5	PLN	DTVPLN	-DTVP1779
51	WTAE-TV	PITTSBURGH PA	109.5	LIC	BLCDT	-20041014AEY
51	WTAE-TV	PITTSBURGH PA	109.5	PLN	DTVPLN	-DTVP1810
51	WWPX-DR	MARTINSBURG WV	102.4	APP	BPRM	-20080619ALR
40	NEW-LD	JOHNSTOWN PA	69.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	W44CF	CLARKSBURG WV	BLTT	-20060118AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WGPT	OAKLAND MD	87.3	APP	BMPEDT	-20080620ANK
36	WGPT	OAKLAND MD	87.3	PLN	DTVPLN	-DTVP1332
36	WGPT	OAKLAND MD	87.3	APP	BMPEDT	-20080620ANK
36	WGPT	OAKLAND MD	87.3	CP	BPEDT	-20080318AAB
42	WPMY	PITTSBURGH PA	137.8	LIC	BLCDT	-20060608AAB
42	WPMY	PITTSBURGH PA	137.8	PLN	DTVPLN	-DTVP1516
43	WAZM-LD	STAUNTON-WAYNESBORO VA	164.5	CP	BDCCDTL	-20061030AAA
44	WIAV-LD	WASHINGTON DC	296.2	CP	BDCCDTL	-20071128AGL
44	WTSF	ASHLAND KY	205.7	CP	BPCDT	-20000501AEQ
44	WTSF	ASHLAND KY	205.7	PLN	DTVPLN	-DTVP1574
44	WWPB	HAGERSTOWN MD	203.8	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	203.8	PLN	DTVPLN	-DTVP1577
44	WWPB	HAGERSTOWN MD	203.8	LIC	BLEDT	-20031029ACE
44	WXOX-LP	CLEVELAND OH	262.6	APP	BDFCDTL	-20080221ACU
44	WTLW	LIMA OH	369.9	CP MOD	BMPCDT	-20080616ABV
44	WTLW	LIMA OH	369.9	PLN	DTVPLN	-DTVP1590
44	W58AM	YOUNGSTOWN OH	202.7	CP	BDISDTT	-20060331ARW
44	WRJG-LD	GRUNDY VA	261.8	CP	BDCCDTL	-20061025ADU
44	WCWV	RICHMOND VA	305.7	CP	BPEDT	-20080610AAR
44	WCWV	RICHMOND VA	305.7	PLN	DTVPLN	-DTVP1596
44	WCWV	RICHMOND VA	305.7	LIC	BLEDT	-20050303AAV

Table 1 OET Bulletin 69 Interference Study
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45	W45BW	PARKERSBURG WV	114.6	CP	BDFCDTT	-20060329AEP
48	WPXI	PITTSBURGH PA	134.3	LIC	BLCDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	134.3	PLN	DTVPLN	-DTVP1718
51	WTAE-TV	PITTSBURGH PA	119.3	LIC	BLCDT	-20041014AEY
51	WTAE-TV	PITTSBURGH PA	119.3	PLN	DTVPLN	-DTVP1810
40	NEW-LD	JOHNSTOWN PA	141.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 42

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	W65CG	PITTSBURGH PA	BMPTT	-20040526ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	WPGH-TV	PITTSBURGH PA	11.2	CP MOD	BMPCDT	-20021216AAS
43	WPGH-TV	PITTSBURGH PA	11.2	PLN	DTVPLN	-DTVP1553
43	WPGH-TV	PITTSBURGH PA	11.2	LIC	BLCDT	-20021216AAT
45	WNEO	ALLIANCE OH	99.2	CP MOD	BMPEDT	-20080619AIA
45	WNEO	ALLIANCE OH	99.2	PLN	DTVPLN	-DTVP1627
46	WKBS-TV	ALTOONA PA	127.3	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	127.3	PLN	DTVPLN	-DTVP1656
46	WKBS-TV	ALTOONA PA	127.3	LIC	BLCDT	-20060629ACS
46	WAZW-LD	WINCHESTER VA	202.2	CP	BDCCDTL	-20061030AAC
46	W21CJ	CLARKSBURG WV	130.0	APP	BDISDTL	-20090618ADF
47	W66BV	DETROIT MI	335.6	CP	BDISDTT	-20070105AAR
47	W66BV	DETROIT MI	335.6	APP	BDISDTT	-20060214ADU
47	WOAC	CANTON OH	141.4	LIC	BLCDT	-20060222AAK
47	WOAC	CANTON OH	141.4	PLN	DTVPLN	-DTVP1685
47	W47DI-D	COLUMBUS OH	266.4	CP	BDCCDTL	-20061012ACV
47	WLMO-LP	LIMA OH	356.5	APP	BDISDTL	-20090623AAZ
47	W47AB	MANSFIELD OH	218.2	APP	BMPDTT	-20090602AAH
47	W47AB	MANSFIELD OH	218.3	LIC	BLTT	-20060403BEH
47	W47AB	MANSFIELD OH	218.3	CP	BDFCDTT	-20061006ABG
47	W47DH-D	CLARKS SUMMIT, ETC. PA	375.2	CP	BDCCDTL	-20060921ADK
47	WOLF-TV	HAZLETON PA	401.4	APP	BDRTCDT	-20090618ACP
47	WFMZ-TV	PHILADELPHIA PA	400.0	APP	BDRTCT	-20090604ABI
47	W64AL	STROUDSBURG PA	404.5	CP	BDISDTT	-20060818ABH
47	WPMT	YORK PA	285.9	CP	BPCDT	-20080620AFE
47	WPMT	YORK PA	285.9	PLN	DTVPLN	-DTVP1687
47	WPMT	YORK PA	285.9	LIC	BMLCDT	-20041025ABI
47	WUPV	ASHLAND VA	376.0	LIC	BLCDT	-20060210ABA
47	WUPV	ASHLAND VA	376.0	PLN	DTVPLN	-DTVP1694
47	W40BM	LYNCHBURG VA	330.4	CP	BDISDTT	-20060330ALW
48	WPXI	PITTSBURGH PA	8.4	LIC	BLCDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	8.4	PLN	DTVPLN	-DTVP1718
50	WPCB-TV	GREENSBURG PA	12.9	LIC	BLCDT	-20030409ABC
50	WPCB-TV	GREENSBURG PA	12.9	PLN	DTVPLN	-DTVP1779
51	WTAE-TV	PITTSBURGH PA	18.2	LIC	BLCDT	-20041014AEY
51	WTAE-TV	PITTSBURGH PA	18.2	PLN	DTVPLN	-DTVP1810
40	NEW-LD	JOHNSTOWN PA	72.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 37 of 39)

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Analysis of Interference to Affected Station 43

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WAZW-CA	WINCHESTER VA	BLTT	-19990105JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WNUV	BALTIMORE MD	132.5	LIC	BLCDT	-20051011AOI
40	WNUV	BALTIMORE MD	132.5	PLN	DTVPLN	-DTVPI438
41	WUTB	BALTIMORE MD	122.5	CP	BPCDT	-20080619AJG
41	WUTB	BALTIMORE MD	122.5	PLN	DTVPLN	-DTVPI475
44	WWPB	HAGERSTOWN MD	53.6	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	53.6	PLN	DTVPLN	-DTVPI577
44	WWPB	HAGERSTOWN MD	53.6	LIC	BLEDT	-20031029ACE
46	WBFF	BALTIMORE MD	132.5	CP	BPCDT	-19980803KR
46	WBFF	BALTIMORE MD	132.5	PLN	DTVPLN	-DTVPI647
46	WHTJ	CHARLOTTEVILLE VA	137.4	CP	BPEDT	-20080610AAP
46	WHTJ	CHARLOTTEVILLE VA	137.4	PLN	DTVPLN	-DTVPI661
46	WHTJ	CHARLOTTEVILLE VA	137.4	LIC	BLEDT	-20050819ADO
47	W65CG	PITTSBURGH PA	201.6	CP	BDFCDTT	-20060331BCD
48	WRC-TV	WASHINGTON DC	98.9	LIC	BLCDT	-20000216AAT
48	WRC-TV	WASHINGTON DC	98.9	PLN	DTVPLN	-DTVPI702
48	W48DP	GEORGETOWN DE	255.3	CP	BDFCDTL	-20090331ASI
48	WRAL-TV	RALEIGH NC	392.6	CP MOD	BMPCDT	-20080618AAD
48	WRAL-TV	RALEIGH NC	392.6	PLN	DTVPLN	-DTVPI714
48	WYDC	CORNING NY	340.3	CP MOD	BMPCDT	-20080619AJR
48	WYDC	CORNING NY	343.4	PLN	DTVPLN	-DTVPI716
48	WWJT-LP	PHILADELPHIA PA	268.7	APP	BDISDTL	-20090414AAH
48	WPXI	PITTSBURGH PA	210.0	LIC	BLCDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	210.0	PLN	DTVPLN	-DTVPI718
48	W48AA	KEYSER WV	80.2	LIC	BLTT	-1615
49	W49DC-D	SALISBURY MD	192.4	CP	BDCCDTL	-20061030APC
49	WHSV-TV	HARRISONBURG VA	76.9	LIC	BLCDT	-20060413ACO
49	WHSV-TV	HARRISONBURG VA	76.9	PLN	DTVPLN	-DTVPI756
50	WDCW	WASHINGTON DC	102.8	APP	BMPCDT	-20080619AGG
50	WDCW	WASHINGTON DC	102.8	PLN	DTVPLN	-DTVPI764
50	WDCW	WASHINGTON DC	102.8	CP	BPCDT	-20080229ACH
51	WETA-DR	WASHINGTON DC	98.7	APP	BPRM	-20080620AOX
51	WWPX-DR	MARTINSBURG WV	29.9	APP	BPRM	-20080619ALR
40	NEW-LD	JOHNSTOWN PA	136.3	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 44

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	W48AA	KEYSER WV	BLTT	-1615

Stations Potentially Affecting This Station

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 38 of 39)

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WWPB	HAGERSTOWN MD	99.7	CP	BPEDT	-20080620ANI
44	WWPB	HAGERSTOWN MD	99.7	PLN	DTVPLN	-DTVPI577
44	WWPB	HAGERSTOWN MD	99.7	LIC	BLEDT	-20031029ACE
46	WKBS-TV	ALTOONA PA	142.8	CP	BPCDT	-20080620ACM
46	WKBS-TV	ALTOONA PA	142.8	PLN	DTVPLN	-DTVPI656
46	WKBS-TV	ALTOONA PA	142.8	LIC	BLCDT	-20060629ACS
47	W65CG	PITTSBURGH PA	135.6	CP	BDFCDTT	-20060331BCD
48	WRC-TV	WASHINGTON DC	179.0	LIC	BLCDT	-20000216AAT
48	WRC-TV	WASHINGTON DC	179.0	PLN	DTVPLN	-DTVPI702
48	W48DP	GEORGETOWN DE	335.4	CP	BDFCDTL	-20090331ASI
48	NEW	BUFFALO NY	389.1	APP	BSFDTL	-20060630AJK
48	WBXZ-LP	BUFFALO NY	389.2	APP	BDISDTL	-20080804AAT
48	WYDC	CORNING NY	350.0	CP MOD	BMPCDT	-20080619AJR
48	WYDC	CORNING NY	353.6	PLN	DTVPLN	-DTVPI716
48	WSYX-DR	COLUMBUS OH	342.9	APP	BPRM	-20080620AOV
48	WCPX-LP	COLUMBUS OH	339.5	APP	BDFCDTL	-20060322ACI
48	WWJT-LP	PHILADELPHIA PA	336.5	APP	BDISDTL	-20090414AAH
48	WPXI	PITTSBURGH PA	143.7	LIC	BLCDT	-20050609AAQ
48	WPXI	PITTSBURGH PA	143.7	PLN	DTVPLN	-DTVPI718
48	WAZW-CA	WINCHESTER VA	80.2	LIC	BLTT	-19990105JC
48	W57AG	PARKERSBURG WV	216.9	CP	BPTT	-20050309AAC
49	WHSV-TV	HARRISONBURG VA	95.0	LIC	BLCDT	-20060413ACO
49	WHSV-TV	HARRISONBURG VA	95.0	PLN	DTVPLN	-DTVPI756
50	WPCB-TV	GREENSBURG PA	127.3	LIC	BLCDT	-20030409ABC
50	WPCB-TV	GREENSBURG PA	127.3	PLN	DTVPLN	-DTVPI779
51	WTAE-TV	PITTSBURGH PA	117.4	LIC	BLCDT	-200401014AEY
51	WTAE-TV	PITTSBURGH PA	117.4	PLN	DTVPLN	-DTVPI810
51	WWPX-DR	MARTINSBURG WV	102.5	APP	BPRM	-20080619ALR
63	W63AU	PITTSBURGH PA	127.3	CP	BDFCDTL	-20060331AKH
40	NEW-LD	JOHNSTOWN PA	88.9	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 45

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	NEW-LD	JOHNSTOWN PA	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	W43BP	CRESAPTOWN MD	69.5	CP	BDISDTT	-20060330ALB
39	WJAL	HAGERSTOWN MD	104.0	CP MOD	BMPCDT	-20081008ABR
39	WJAL	HAGERSTOWN MD	104.0	PLN	DTVPLN	-DTVPI406
39	W63AU	PITTSBURGH PA	60.1	APP	BDISDTL	-20090302AEI
39	W39BE	STATE COLLEGE PA	120.5	CP	BDFCDTT	-20060331BU
39	W39BT	WILLIAMSPORT PA	203.2	CP	BDFCDTT	-20060331ANI
40	WNUV	BALTIMORE MD	231.7	LIC	BLCDT	-20051011AOI
40	WNUV	BALTIMORE MD	231.7	PLN	DTVPLN	-DTVPI438
40	NEW	DETROIT MI	405.2	APP	BDCCDTL	-20061027ACH
40	WIXT-CA	DEWITT NY	402.9	APP	BDFCDTA	-20081117AAD
40	WRAP-CD	CLEVELAND OH	260.8	CP	BDCCDTL	-20061030AGC
40	WHIZ-TV	ZANESVILLE OH	244.6	CP MOD	BMPCDT	-20071022BPE
40	WHIZ-TV	ZANESVILLE OH	244.6	PLN	DTVPLN	-DTVPI447

Table 1 OET Bulletin 69 Interference Study
(worst-case scenarios shown page 39 of 39)

40	W40BS	RENOVO PA	170.9	CP	BDFCDTT	-20060331BJJ
40	W60AH	STROUDSBURG PA	344.2	CP	BDISDTT	-20060403ADD
40	WAHU-CA	CHARLOTTESVILLE VA	250.5	LIC	BLDTL	-20090331ABV
40	WAZF-LD	FRONT ROYAL VA	136.9	CP	BDCCDTL	-20061027AHI
40	WLFB	BLUEFIELD WV	377.6	CP	BPCDT	-20080317AIS
40	WLFB	BLUEFIELD WV	377.6	PLN	DTVPLN	-DTVP1458
41	W41DK-D	KEYSER WV	88.9	LIC	BLDTT	-20081020ANH

Total scenarios = 12

Result key: 217
Scenario 1 Affected station 45 NEW-LD
Before Analysis

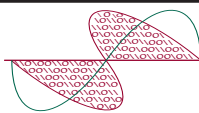
Results for: 40A PA JOHNSTOWN USERRECORD01 APP
HAAT 330.0 m, ATV ERP 2.9 kW
POPULATION AREA (sq km)
within Noise Limited Contour 465422 5597.3
not affected by terrain losses 379620 4662.6
lost to NTSC IX 0 0.0
lost to additional IX by ATV 10095 92.9
lost to ATV IX only 10095 92.9
lost to all IX 10095 92.9

Potential Interfering Stations Included in above Scenario 1

40A MD BALTIMORE BLCDT 20051011AOI LIC
40A OH ZANESVILLE BMPCDT 20071022BPE CP
40A VA FRONT ROYAL BDCCDTL 20061027AHI CP

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED



Chesapeake RF Consultants, LLC
Radiofrequency Consulting Engineers
Digital Television and Radio

Canada

United States

082-00-00 W

42-00-00 N

080-00-00 W

078-00-00 W

40-00-00 N

Proposed Translator
19.5 dBμ Contour F(50,10)

Figure 2
Interfering Contour to Canada
KDKA-TV Pittsburgh, PA
Replacement Digital Translator
Johnstown, PA Ch. 40 2.9 kW

prepared for
CBS Broadcasting Inc.

June, 2009

Scale 1:3,000,000

0 40.0 80.0 120 km

SECTION III - ENGINEERING DATA (Digital)**TECHNICAL SPECIFICATIONS**

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

1.	Channel Number: 40																																																																																																
2.	Translator Input Channel No. : 25																																																																																																
3.	Primary station proposed to be rebroadcast: <table border="1"><tr><td>Facility Identifier</td><td>Call Sign</td><td>City</td><td>State</td><td>Channel</td></tr><tr><td>25454</td><td>KDKA-TV</td><td>PITTSBURGH</td><td>PA</td><td>25</td></tr></table>	Facility Identifier	Call Sign	City	State	Channel	25454	KDKA-TV	PITTSBURGH	PA	25																																																																																						
Facility Identifier	Call Sign	City	State	Channel																																																																																													
25454	KDKA-TV	PITTSBURGH	PA	25																																																																																													
4.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 40 Minutes 10 Seconds 51 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 79 Minutes 7 Seconds 46 <input checked="" type="radio"/> West <input type="radio"/> East																																																																																																
5.	Antenna Structure Registration Number: 1032552 <input type="checkbox"/> Not Applicable [Exhibit 10] <input type="checkbox"/> Notification filed with FAA																																																																																																
6.	Antenna Location Site Elevation Above Mean Sea Level: 823.5 meters																																																																																																
7.	Overall Tower Height Above Ground Level: 109.1 meters																																																																																																
8.	Height of Radiation Center Above Ground Level: 103.5 meters																																																																																																
9.	Maximum Effective Radiated Power (ERP): 2.9 kW																																																																																																
10.	Transmitter Output Power: 0.6 kW																																																																																																
11.	a. Transmitting Antenna: Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public Access (http://fjallfoss.fcc.gov/prod/cdbs/pubacc/prod/cdbs_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search. <input type="radio"/> Nondirectional <input type="radio"/> Directional "Off-the-shelf" <input checked="" type="radio"/> Directional composite Manufacturer DIE Model TFU-8DSB-M CIRCULARLY POLARIZED b. Electrical Beam Tilt: 1.5 degrees <input type="checkbox"/> Not Applicable c. Directional Antenna Relative Field Values: <input type="checkbox"/> N/A (Nondirectional or Directional "Off-the-shelf") Rotation (Degrees): 325 <input type="checkbox"/> No Rotation <table border="1"><thead><tr><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th><th>Degrees</th><th>Value</th></tr></thead><tbody><tr><td>0</td><td>0.895</td><td>10</td><td>0.908</td><td>20</td><td>0.921</td><td>30</td><td>0.942</td><td>40</td><td>0.974</td><td>50</td><td>0.995</td></tr><tr><td>60</td><td>0.985</td><td>70</td><td>0.94</td><td>80</td><td>0.865</td><td>90</td><td>0.775</td><td>100</td><td>0.684</td><td>110</td><td>0.593</td></tr><tr><td>120</td><td>0.497</td><td>130</td><td>0.392</td><td>140</td><td>0.28</td><td>150</td><td>0.197</td><td>160</td><td>0.184</td><td>170</td><td>0.226</td></tr><tr><td>180</td><td>0.257</td><td>190</td><td>0.227</td><td>200</td><td>0.183</td><td>210</td><td>0.194</td><td>220</td><td>0.278</td><td>230</td><td>0.393</td></tr><tr><td>240</td><td>0.502</td><td>250</td><td>0.599</td><td>260</td><td>0.688</td><td>270</td><td>0.778</td><td>280</td><td>0.873</td><td>290</td><td>0.951</td></tr><tr><td>300</td><td>0.993</td><td>310</td><td>0.998</td><td>320</td><td>0.976</td><td>330</td><td>0.944</td><td>340</td><td>0.918</td><td>350</td><td>0.901</td></tr><tr><td>Additional Azimuths</td><td></td><td>53</td><td>0.996</td><td>307</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	0	0.895	10	0.908	20	0.921	30	0.942	40	0.974	50	0.995	60	0.985	70	0.94	80	0.865	90	0.775	100	0.684	110	0.593	120	0.497	130	0.392	140	0.28	150	0.197	160	0.184	170	0.226	180	0.257	190	0.227	200	0.183	210	0.194	220	0.278	230	0.393	240	0.502	250	0.599	260	0.688	270	0.778	280	0.873	290	0.951	300	0.993	310	0.998	320	0.976	330	0.944	340	0.918	350	0.901	Additional Azimuths		53	0.996	307	1						
Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value																																																																																						
0	0.895	10	0.908	20	0.921	30	0.942	40	0.974	50	0.995																																																																																						
60	0.985	70	0.94	80	0.865	90	0.775	100	0.684	110	0.593																																																																																						
120	0.497	130	0.392	140	0.28	150	0.197	160	0.184	170	0.226																																																																																						
180	0.257	190	0.227	200	0.183	210	0.194	220	0.278	230	0.393																																																																																						
240	0.502	250	0.599	260	0.688	270	0.778	280	0.873	290	0.951																																																																																						
300	0.993	310	0.998	320	0.976	330	0.944	340	0.918	350	0.901																																																																																						
Additional Azimuths		53	0.996	307	1																																																																																												

[Relative Field Polar Plot](#)

	NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.
12.	Out-of-channel Emission Mask: <input type="radio"/> Simple <input checked="" type="radio"/> Stringent
CERTIFICATION	
13.	Interference : The proposed facility complies with all of the following applicable rule sections. 47.C.F.R Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h), 74.794(b) and 73.1030. <input checked="" type="radio"/> Yes <input type="radio"/> No <div style="text-align: right;">See Explanation in [Exhibit 11]</div>
14.	Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine RF compliance, an Exhibit is required. <input checked="" type="radio"/> Yes <input type="radio"/> No <div style="text-align: right;">See Explanation in [Exhibit 12]</div> By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency

	electromagnetic exposure in excess of FCC guidelines.
15.	Channels 52-59. If the proposed channel is within channels 52-59, the applicant certifies compliance with the following requirements, as applicable: <input type="checkbox"/> The applicant is applying for a digital companion channel for which no suitable channel from channel 2-51 is available. <input type="checkbox"/> Pursuant to Section 74.786(d), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees.
16.	Channels 60-69. If the proposed channel is within channels 60-69, the applicant certifies compliance with the following requirements, as applicable: <input type="checkbox"/> Pursuant to Section 74.786(e), the applicant has notified, within 30 days of filing this application, all commercial wireless licenses of the spectrum comprising the proposed TV channel and the first adjacent channels thereto, for which the proposed digital LPTV or TV translator antenna site lies inside the licensed geographic boundaries of the wireless licensees or within 75 miles and 50 miles, respectively, of the geographic boundaries of co-channel and adjacent-channel wireless licensees. <input type="checkbox"/> Pursuant to Section 74.786(e), the applicant proposing operation on channel 63, 64, 68 and 69 ("public safety channels") has secured a coordinated spectrum use agreements(s) with 700 MHz public safety regional planning committee(s) and state administrator(s) of the region(s) and state(s) within which the antenna site of the digital LPTV or TV translator station is proposed to locate, and those adjoining regions and states with boundaries within 75 miles of the proposed station location. <input type="checkbox"/> Pursuant to Section 74.786(e), the applicant for a channel adjacent to channel 63, 64, 68 or 69 has notified, within 30 days of filing this application, the 700 MHz public safety regional planning committee(s) and state administrator(s) of the region and state containing the proposed digital LPTV or TV translator antenna site and regions and states whose geographic boundaries lie within 50 miles of the proposed LPTV or TV translator antenna site.
PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.	

SECTION III PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name JOSEPH M. DAVIS, P.E.		Relationship to Applicant (e.g., Consulting Engineer) CONSULTING ENGINEER	
Signature		Date 6/29/2009	
Mailing Address CHESAPEAKE RF CONSULTANTS, LLC 11993 KAHNS ROAD			
City MANASSAS		State or Country (if foreign address) VA	Zip Code 20112 -
Telephone Number (include area code) 7036509600		E-Mail Address (if available) JOSEPH.DAVIS@RF-CONSULTANTS.COM	

Any specified rotation has already been applied to the plotted pattern.
 Field strength values shown on a rotated pattern may differ from the listed values
 because intermediate azimuths are interpolated between entered azimuths.

Close Window

