

ENGINEERING EXHIBIT

“Maximization” Application for Post-Transition Digital Television Station Construction Permit

prepared for

CBS Broadcasting Inc.
KYW-DT Philadelphia, PA
Facility ID 25453
Ch. 26 790 kW 375 m

CBS Broadcasting Inc. (“CBS”) is the licensee of television station KYW-TV, analog Channel 3 and digital Channel 26, Philadelphia, PA. *CBS* herein seeks a Construction Permit to expand the KYW-DT post-transition digital facility on Channel 26. KYW-DT will be remaining on Channel 26 during the post-transition period, as established in Appendix B of the Seventh Report and Order in MB Docket 87-278. The instant application is intended to be filed by June 20, 2008 in response to the FCC’s lifting of the August 3, 2004 “freeze” concerning expansion in service area.¹

KYW-DT is presently authorized (BLCDT-19981125KK license application pending) to operate with an effective radiated power (“ERP”) of 770 kW with a nondirectional antenna at 375 meters height above average terrain (“HAAT”). The proposal would increase the ERP to 790 kW with the continued use of the currently authorized antenna system. The antenna is a horizontally polarized Dielectric model TFU-30GBH-R O6.

The antenna is top-mounted on an existing antenna supporting structure, having FCC Antenna Structure Registration (“ASR”) number 1035474. No change to the overall structure height and no tower work are required to carry out this proposal.

¹Public Notice “*Commission Lifts the Freeze On the Filing of Maximization Applications and Petitions for Digital Channel Substitutions, Effective Immediately*” DA 08-1213, released May 30, 2008.

A map is supplied as **Figure 1**, which depicts the standard predicted coverage contours. This map includes the location of Philadelphia, KYW-DT's principal community. As demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dBμ contour.

The proposed KYW-DT facility's predicted service population provides a 100.1 percent match of the Appendix B facility, as detailed in the table below.

Post-Transition Population Summary		
Population Summary (2000 Census) OET Bulletin 69 method	Appendix B	Proposed
Within Noise Limited Contour	10,382,713	10,395,366
Not affected by terrain losses	10,238,843	10,252,953
Lost to all interference	163,219	163,244
Net DTV Service	10,075,624	10,089,709
Match of Appendix B	---	100.14%

A detailed interference study per OET Bulletin 69² shows that the proposal complies with the 0.5 percent limit of new interference caused to the Appendix B facilities and current post-transition authorizations of pertinent nearby stations. The interference study output report is provided as **Table 1**. Protection requirements towards authorized Class A stations are also satisfied.

There is one authorized AM station within 3.2 kilometers of the site, based on information contained within the Commission's database. Directional AM station WNWR (1540 kHz, Philadelphia, PA) is 0.6 km distant. The instant proposal specifies continued use of an existing antenna, would not involve any tower, antenna, or transmission line work, and would not change the overall tower height. The proposed modification will be executed by increasing transmitter power. Thus, coordination with the nearby AM station is therefore not expected to be necessary, and it is requested a condition requiring AM station pattern measurements not be placed on the KYW-DT Construction Permit.

²FCC 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 standard cell size of 2 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.

The nearest FCC monitoring station is 167 km distant at Laurel, MD. This exceeds by a large margin 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). The site location is beyond the border areas requiring international coordination.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposal will involve use of an existing transmitting antenna. 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. No tower construction or change in structure height is proposed. Therefore, it is believed that this application may be categorically excluded from environmental processing pursuant to §1.1306 of the Commission’s 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 considering 10 percent antenna relative field in downward elevations (pattern data shows less than 10 percent relative field at angles 10 to 90 degrees below the antenna), the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $2.5 \mu\text{W}/\text{cm}^2$, which is 0.7 percent of the general population/uncontrolled maximum permitted exposure limit. This is 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 19, 2008

Chesapeake RF Consultants, LLC
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703-650-9600

List of Attachments

Figure 1	Proposed Coverage Contours
Table 1	OET Bulletin 69 Interference Study
Form 301	Saved Version of Engineering Sections from FCC Form at Time of Upload

This material was entered June 19, 2008 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.

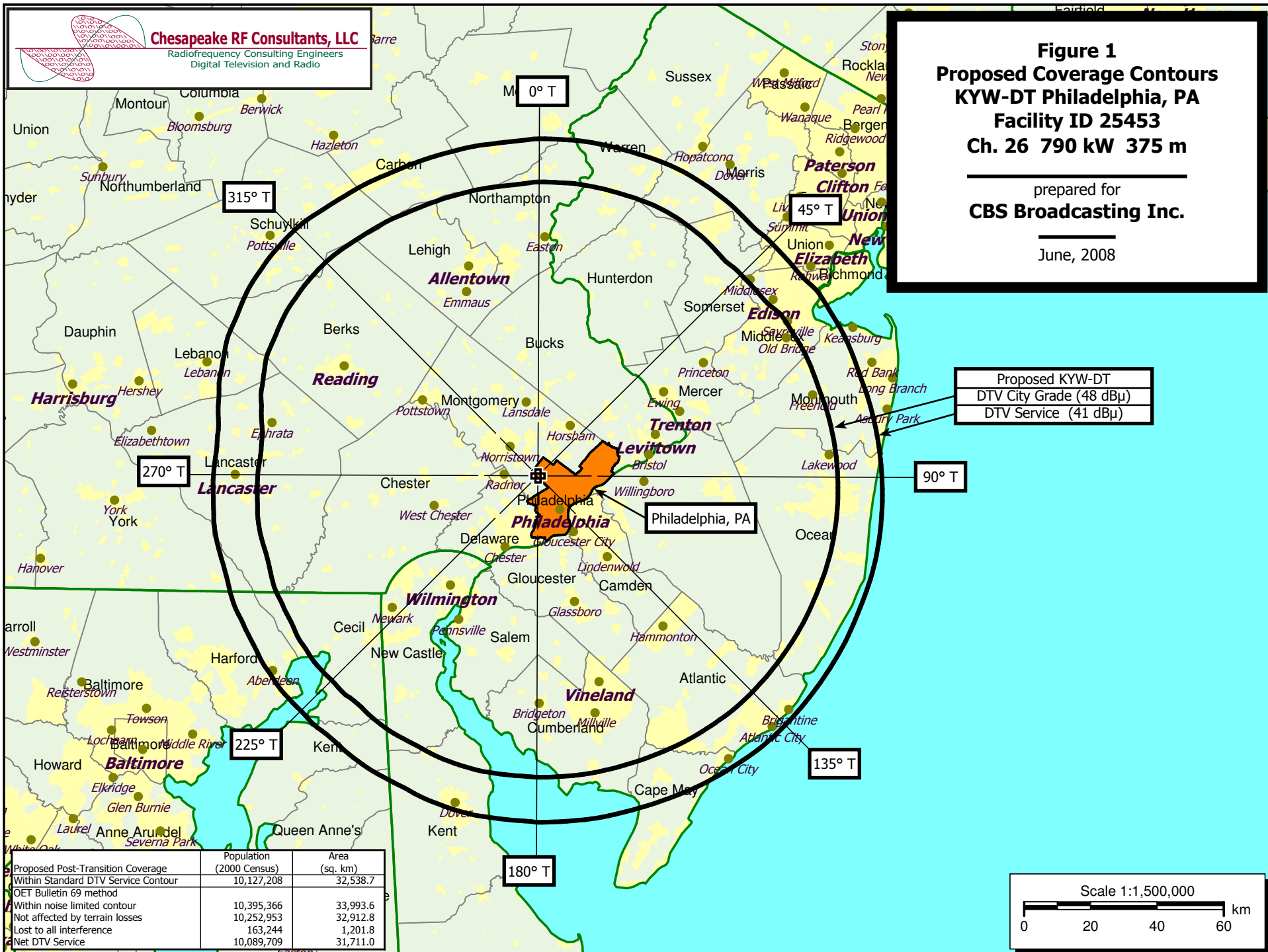


Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 1 of 28)

TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-19-2008 Time: 10:41:28

Record Selected for Analysis

KYW-DT USERRECORD-01 PHILADELPHIA PA US
Channel 26 ERP 790. kW HAAT 375. m RCAMSL 00440 m
Latitude 040-02-33 Longitude 0075-14-33
Status APP Zone 1 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	790.000	366.5	101.0
45.0	790.000	340.7	98.9
90.0	790.000	392.8	103.2
135.0	790.000	418.1	105.4
180.0	790.000	402.2	104.0
225.0	790.000	353.8	100.0
270.0	790.000	324.1	97.3
315.0	790.000	399.5	103.8

Evaluation toward Class A Stations

Station inside contour of Class A station
WFFA-CA 28 PHILADELPHIA PA BLTTL 20000428ABK

Class A Evaluation 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 beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is 0.58km from AM station
PHILADELPHIA PA WNNR Status: L Antenna: DAD

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 2 of 28)

Proposed station is 0.58km from AM station
BALA CYNWYD PA WNNR Status: Antenna: DAD

Start of Interference Analysis

Channel	Proposed Station Call City/State	ARN
26	KYW-DT PHILADELPHIA PA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	W19CI	BERWICK PA	134.9	LIC	BLTTL	-20001206AAX
24	WPSJ-LP	HAMMONTON, ETC. NJ	48.8	LIC	BLTTA	-20060720ADQ
24	W24BB	EAST STROUDSBURG PA	111.6	LIC	BLTTL	-19911219JM
25	W25AW	TRENTON NJ	50.3	LIC	BLTTA	-20030512ABW
25	WTVE	READING PA	50.0	CP	BPCDT	-20040518AAZ
25	WTVE	READING PA	50.0	PLN	DTVPLN	-DTVP0935
25	WTVE	READING PA	65.6	LIC	BLCDT	-20040323ATZ
26	WHPX	NEW LONDON CT	298.5	PLN	DTVPLN	-DTVP0950
26	WHPX	NEW LONDON CT	298.5	CP	BPCDT	-20080313ABQ
26	WHAG-TV	HAGERSTOWN MD	236.1	PLN	DTVPLN	-DTVP0958
26	WTEN	ALBANY NY	304.9	LIC	BLCDT	-20060104ACC
26	WTEN	ALBANY NY	304.9	PLN	DTVPLN	-DTVP0968
26	WNYB	JAMESTOWN NY	423.4	PLN	DTVPLN	-DTVP0969
26	WNYB	JAMESTOWN NY	423.4	CP	BPCDT	-20080313ACK
26	WRLH-TV	RICHMOND VA	347.6	CP MOD	BMCDDT	-20040507ABE
26	WRLH-TV	RICHMOND VA	347.6	PLN	DTVPLN	-DTVP0982
27	WETA-TV	WASHINGTON DC	198.9	LIC	BLEDT	-20070727ACJ
27	WETA-TV	WASHINGTON DC	198.9	PLN	DTVPLN	-DTVP0991
27	WGTW-TV	BURLINGTON NJ	0.5	LIC	BLCDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	0.5	PLN	DTVPLN	-DTVP1007
27	WTBY-TV	POUGHKEEPSIE NY	194.2	LIC	BMLCDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	194.2	PLN	DTVPLN	-DTVP1011
28	WFFA-CA	PHILADELPHIA PA	0.6	LIC	BLTTL	-20000428ABK

Analysis of Interference to Affected Station 1

Analysis of current record
Channel Call City/State Application Ref. No.
19 W19CI BERWICK PA BLTTL -20001206AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WPHL-TV	PHILADELPHIA PA	135.3	PLN	DTVPLN	-DTVP0616
17	WPHL-TV	PHILADELPHIA PA	135.1	CP	BPCDT	-20080307ABI
18	WETM-TV	ELMIRA NY	134.0	LIC	BLCT	-19980615KE
18	WETM-TV	ELMIRA NY	134.0	PLN	DTVPLN	-DTVP0647
18	WETM-TV	ELMIRA NY	134.0	CP	BPCDT	-20080307ACY
19	WCDC-TV	ADAMS MA	310.6	LIC	BLCT	-19810105KE
19	WSYT	SYRACUSE NY	208.4	LIC	BLCDT	-20050705AAM
19	WSYT	SYRACUSE NY	208.4	PLN	DTVPLN	-DTVP0696
19	W19AR	CLARKS SUMMIT PA	67.6	LIC	BLTT	-19880126IR
19	WPCW	JEANNETTE PA	262.6	LIC	BLCT	-20030512ABA

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 3 of 28)

19	WCAV	CHARLOTTESVILLE VA	388.0	LIC	BLCT	-20040813AAJ
19	WCAV	CHARLOTTESVILLE VA	388.0	PLN	DTVPLN	-DTVP0705
19	WCAV	CHARLOTTESVILLE VA	388.0	CP	BPCDT	-20080403ACY
21	WHP-TV	HARRISBURG PA	91.9	PLN	DTVPLN	-DTVP0778
21	WHP-TV	HARRISBURG PA	91.9	CP MOD	BMPEDT	-20080606AEJ
23	WLYH-TV	LANCASTER PA	85.2	LIC	BLCDT	-20040922AAC
23	WLYH-TV	LANCASTER PA	85.2	PLN	DTVPLN	-DTVP0859
26	KYW-TV	PHILADELPHIA PA	134.9	CP	BPCDT	-19980408KE
26	KYW-TV	PHILADELPHIA PA	134.9	PLN	DTVPLN	-DTVP0974
27	WGTW-TV	BURLINGTON NJ	135.3	LIC	BLCDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	135.3	PLN	DTVPLN	-DTVP1007
33	WITF-TV	HARRISBURG PA	91.8	LIC	BMLET	-19820217KH
34	WIVT	BINGHAMTON NY	119.4	LIC	BLCT	-20040113ABJ
34	WIVT	BINGHAMTON NY	119.4	PLN	DTVPLN	-DTVP1263
34	WIVT	BINGHAMTON NY	119.4	CP	BPCDT	-20080314ACR
34	WCAU	PHILADELPHIA PA	135.3	CP	BPCDT	-20080314ACT
34	WCAU	PHILADELPHIA PA	135.3	PLN	DTVPLN	-DTVP1269
26	KYW-DT	PHILADELPHIA PA	134.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	WPSJ-LP	HAMMONTON, ETC. NJ	BLTTA	-20060720ADQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WPHL-TV	PHILADELPHIA PA	48.5	LIC	BLCT	-2611
17	WPHL-TV	PHILADELPHIA PA	48.3	PLN	DTVPLN	-DTVP0616
17	WPHL-TV	PHILADELPHIA PA	48.5	CP	BPCDT	-20080307ABI
22	WNJS	CAMDEN NJ	0.0	LIC	BLEDT	-20070611AAY
22	WNJS	CAMDEN NJ	0.0	PLN	DTVPLN	-DTVP0816
23	WNJS	CAMDEN NJ	0.0	LIC	BLET	-20070611AAZ
23	WNJS	CAMDEN NJ	0.0	APP	BSTA	-20070511ACA
24	WEDH	HARTFORD CT	277.3	LIC	BLET	-20070605ABP
24	WEDH	HARTFORD CT	284.9	APP	BSTA	-20060817ABO
24	WUTB	BALTIMORE MD	171.5	LIC	BLCT	-19860103KG
24	WNYE-TV	NEW YORK NY	135.4	CP MOD	BMPEDT	-20070124AAX
24	WNYE-TV	NEW YORK NY	135.4	PLN	DTVPLN	-DTVP0895
24	WCNY-TV	SYRACUSE NY	373.0	LIC	BLET	-20030411ABZ
24	WSTM-TV	SYRACUSE NY	373.0	PLN	DTVPLN	-DTVP0896
24	WSTM-TV	SYRACUSE NY	373.0	CP	BPCDT	-20080320ACI
24	WATM-TV	ALTOONA PA	319.8	LIC	BLCDT	-20050603ACF
24	WATM-TV	ALTOONA PA	319.8	PLN	DTVPLN	-DTVP0899
24	W24BB	EAST STROUDSBURG PA	154.8	LIC	BLTTL	-19911219JM
24	W24CS	READING PA	113.6	LIC	BLTT	-20030321AAO
24	WNVV	FAIRFAX VA	225.6	CP	BPEDT	-20080221ACD
24	WNVV	FAIRFAX VA	225.6	PLN	DTVPLN	-DTVP0909
25	WTVE	READING PA	98.7	CP	BPCDT	-20040518AAZ
25	WTVE	READING PA	98.7	PLN	DTVPLN	-DTVP0935
25	WTVE	READING PA	113.6	LIC	BLCDT	-20040323ATZ
26	KYW-TV	PHILADELPHIA PA	48.8	CP	BPCDT	-19980408KE
26	KYW-TV	PHILADELPHIA PA	48.8	PLN	DTVPLN	-DTVP0974
27	WGTW-TV	BURLINGTON NJ	48.3	LIC	BLCDT	-20060105AAR

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 4 of 28)

27	WGTW-TV	BURLINGTON NJ	48.3	PLN	DTVPLN	-DTVP1007
28	WNBC	NEW YORK NY	134.7	CP MOD	BMPEDT	-20080314ACO
28	WNBC	NEW YORK NY	130.1	PLN	DTVPLN	-DTVP1049
28	WNBC	NEW YORK NY	134.7	STA	BDSTA	-20041220ADE
31	WPPX	WILMINGTON DE	48.3	LIC	BLCDT	-20031203AFL
31	WPPX	WILMINGTON DE	48.3	PLN	DTVPLN	-DTVP1134
31	WPXN-TV	NEW YORK NY	130.1	PLN	DTVPLN	-DTVP1155
32	WPSG	PHILADELPHIA PA	48.3	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	48.3	PLN	DTVPLN	-DTVP1192
38	WWOR-TV	SECAUCUS NJ	134.7	CP MOD	BMPEDT	-20040130AZR
38	WWOR-TV	SECAUCUS NJ	130.1	PLN	DTVPLN	-DTVP1373
39	WLVT-TV	ALLENTOWN PA	105.8	LIC	BMLET	-20041014AEU
39	WLVT-TV	ALLENTOWN PA	105.8	PLN	DTVPLN	-DTVP1413
39	WLVT-TV	ALLENTOWN PA	105.9	APP	BMPEDT	-20080618AAL
39	WLVT-TV	ALLENTOWN PA	105.9	CP	BPEDT	-20080201AQV
26	KYW-DT	PHILADELPHIA PA	48.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	W24BB	EAST STROUDSBURG PA	BLTTL	-19911219JM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WPHL-TV	PHILADELPHIA PA	111.7	LIC	BLCT	-2611
17	WPHL-TV	PHILADELPHIA PA	111.8	PLN	DTVPLN	-DTVP0616
17	WPHL-TV	PHILADELPHIA PA	111.7	CP	BPCDT	-20080307ABI
21	WHP-TV	HARRISBURG PA	137.7	LIC	BLCT	-2171
21	WHP-TV	HARRISBURG PA	137.7	PLN	DTVPLN	-DTVP0778
21	WHP-TV	HARRISBURG PA	137.7	CP MOD	BMPEDT	-20080606AEJ
22	WYOU	SCRANTON PA	35.5	LIC	BLCT	-19861015KF
23	WLYH-TV	LANCASTER PA	117.3	LIC	BLCDT	-20040922AAC
23	WLYH-TV	LANCASTER PA	117.3	PLN	DTVPLN	-DTVP0859
24	WEDH	HARTFORD CT	235.3	LIC	BLET	-20070605ABP
24	WEDH	HARTFORD CT	239.9	APP	BSTA	-20060817ABO
24	WUTB	BALTIMORE MD	220.8	LIC	BLCT	-19860103KG
24	WPSJ-LP	HAMMONTON, ETC. NJ	154.8	LIC	BLTTA	-20060720ADQ
24	W59DG	ELMIRA NY	157.5	CP	BPTT	-20031212ADX
24	WNYE-TV	NEW YORK NY	131.0	CP MOD	BMPEDT	-20070124AAX
24	WNYE-TV	NEW YORK NY	131.0	PLN	DTVPLN	-DTVP0895
24	WCNY-TV	SYRACUSE NY	219.2	LIC	BLET	-20030411ABZ
24	WSTM-TV	SYRACUSE NY	219.2	PLN	DTVPLN	-DTVP0896
24	WSTM-TV	SYRACUSE NY	219.2	CP	BPCDT	-20080320ACI
24	WATM-TV	ALTOONA PA	252.5	LIC	BLCDT	-20050603ACF
24	WATM-TV	ALTOONA PA	252.5	PLN	DTVPLN	-DTVP0899
24	W24DB	CLARKS SUMMIT PA	49.2	LIC	BLTTA	-20041202ADB
24	W24BL	POTTSVILLE, ETC. PA	70.3	LIC	BLTT	-19920218JP
24	W24CS	READING PA	81.8	LIC	BLTT	-20030321AAO
24	WNVV	FAIRFAX VA	280.5	CP	BPEDT	-20080221ACD
24	WNVV	FAIRFAX VA	280.5	PLN	DTVPLN	-DTVP0909
24	WVTA	WINDSOR VT	367.3	CP MOD	BMPEDT	-20060306BRA
24	WVTA	WINDSOR VT	367.2	PLN	DTVPLN	-DTVP0910
24	WNPB-TV	MORGANTOWN WV	389.7	LIC	BLET	-19930824KG
25	WNYE-TV	NEW YORK NY	131.3	APP	BLSTA	-20080107ACH
25	WNYE-TV	NEW YORK NY	131.3	LIC	BLET	-19920220KG

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 28)

25	WNYE-TV	NEW YORK NY	131.3	APP	BLSTA	-20080107ACT
25	WTVE	READING PA	79.0	CP	BPCDT	-20040518AAZ
25	WTVE	READING PA	79.0	PLN	DTVPLN	-DTVP0935
25	WTVE	READING PA	81.8	LIC	BLCDT	-20040323ATZ
26	KYW-TV	PHILADELPHIA PA	111.6	CP	BPCDT	-19980408KE
26	KYW-TV	PHILADELPHIA PA	111.6	PLN	DTVPLN	-DTVP0974
27	WGTW-TV	BURLINGTON NJ	111.8	LIC	BLCDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	111.8	PLN	DTVPLN	-DTVP1007
27	WTBY-TV	POUGHKEEPSIE NY	139.8	LIC	BMCLDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	139.8	PLN	DTVPLN	-DTVP1011
27	WHTM-TV	HARRISBURG PA	145.3	LIC	BLCT	-19960626KF
28	WNBC	NEW YORK NY	131.3	CP MOD	BMPCDT	-20080314ACO
28	WNBC	NEW YORK NY	130.1	PLN	DTVPLN	-DTVP1049
28	WNBC	NEW YORK NY	131.3	STA	BDSTA	-20041220ADE
28	WBRE-TV	WILKES-BARRE PA	35.0	LIC	BLCT	-19891005KF
31	WPPX	WILMINGTON DE	111.8	LIC	BLCDT	-20031203AFL
31	WPPX	WILMINGTON DE	111.8	PLN	DTVPLN	-DTVP1134
31	WPXN-TV	NEW YORK NY	130.1	PLN	DTVPLN	-DTVP1155
32	WPSG	PHILADELPHIA PA	111.8	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	111.8	PLN	DTVPLN	-DTVP1192
32	WQPX	SCRANTON PA	49.0	PLN	DTVPLN	-DTVP1193
32	WQPX	SCRANTON PA	49.0	LIC	BLCDT	-20060629AFR
38	WWOR-TV	SECAUCUS NJ	131.3	CP MOD	BMPCDT	-20040130AZR
38	WWOR-TV	SECAUCUS NJ	130.1	PLN	DTVPLN	-DTVP1373
38	WSWB	SCRANTON PA	49.2	LIC	BLCT	-19870831KF
38	WSWB	SCRANTON PA	49.2	PLN	DTVPLN	-DTVP1378
39	WLVT-TV	ALLENTOWN PA	51.5	LIC	BMLET	-20041014AEU
39	WLVT-TV	ALLENTOWN PA	51.5	PLN	DTVPLN	-DTVP1413
39	WLVT-TV	ALLENTOWN PA	51.7	APP	BMPEDT	-20080618AAL
39	WLVT-TV	ALLENTOWN PA	51.7	CP	BPEDT	-20080201AQV
26	KYW-DT	PHILADELPHIA PA	111.6	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
25	W25AW	TRENTON NJ	BLTTA	-20030512ABW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WPHL-TV	PHILADELPHIA PA	49.8	PLN	DTVPLN	-DTVP0616
17	WPHL-TV	PHILADELPHIA PA	50.1	CP	BPCDT	-20080307ABI
18	WMBC-TV	NEWTON NJ	81.3	LIC	BLCDT	-20060803AMO
18	WMBC-TV	NEWTON NJ	81.3	PLN	DTVPLN	-DTVP0646
21	WLIW	GARDEN CITY NY	122.5	CP	BPEDT	-20080317AAQ
21	WLIW	GARDEN CITY NY	122.5	PLN	DTVPLN	-DTVP0774
22	WNJS	CAMDEN NJ	58.7	LIC	BLEDT	-20070611AAY
22	WNJS	CAMDEN NJ	58.7	PLN	DTVPLN	-DTVP0816
24	WNYE-TV	NEW YORK NY	83.6	CP MOD	BMPEDT	-20070124AAX
24	WNYE-TV	NEW YORK NY	83.6	PLN	DTVPLN	-DTVP0895
25	WFXT	BOSTON MA	370.8	CP	BPCT	-20061130AQZ
25	WHAG-TV	HAGERSTOWN MD	284.4	CP	BPCT	-20021203ACY
25	W25BB	PITTSBURY NJ	35.8	LIC	BLTT	-19930325ID
25	WNYE-TV	NEW YORK NY	83.1	APP	BLSTA	-20080107ACH

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 28)

25	WNYE-TV	NEW YORK NY	83.1	LIC	BLET	-19920220KG
25	WNYE-TV	NEW YORK NY	83.1	APP	BLSTA	-20080107ACT
25	WCNY-TV	SYRACUSE NY	321.8	LIC	BMLEDT	-20040916ABJ
25	WCNY-TV	SYRACUSE NY	321.9	PLN	DTVPLN	-DTVP0933
25	WTVE	READING PA	83.6	CP	BPCDT	-20040518AAZ
25	WTVE	READING PA	83.6	PLN	DTVPLN	-DTVP0935
25	WTVE	READING PA	101.1	LIC	BLCDT	-20040323ATZ
25	WTVR-TV	RICHMOND VA	393.3	LIC	BLCDT	-20021204ABA
25	WTVR-TV	RICHMOND VA	393.3	PLN	DTVPLN	-DTVP0939
26	KYW-TV	PHILADELPHIA PA	50.3	CP	BPCDT	-19980408KE
26	KYW-TV	PHILADELPHIA PA	50.3	PLN	DTVPLN	-DTVP0974
27	WGTW-TV	BURLINGTON NJ	49.8	LIC	BLCDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	49.8	PLN	DTVPLN	-DTVP1007
28	WNBC	NEW YORK NY	83.1	CP MOD	BMPCDT	-20080314ACO
28	WNBC	NEW YORK NY	78.7	PLN	DTVPLN	-DTVP1049
28	WNBC	NEW YORK NY	83.1	STA	BDSTA	-20041220ADE
29	WUVP-TV	VINELAND NJ	49.8	CP	BPCDT	-20080328AIW
29	WUVP-TV	VINELAND NJ	49.8	PLN	DTVPLN	-DTVP1080
29	WFME-TV	WEST MILFORD NJ	71.6	LIC	BLEDT	-20040712ACP
29	WFME-TV	WEST MILFORD NJ	71.6	PLN	DTVPLN	-DTVP1081
32	WPSG	PHILADELPHIA PA	49.8	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	49.8	PLN	DTVPLN	-DTVP1192
33	WCBS-TV	NEW YORK NY	83.1	CP	BPCDT	-20080523AEI
33	WCBS-TV	NEW YORK NY	78.7	PLN	DTVPLN	-DTVP1223
39	WLVT-TV	ALLENTOWN PA	70.5	LIC	BMLET	-20041014AEU
39	WLVT-TV	ALLENTOWN PA	70.5	PLN	DTVPLN	-DTVP1413
39	WLVT-TV	ALLENTOWN PA	70.8	APP	BMPEDT	-20080618AAL
39	WLVT-TV	ALLENTOWN PA	70.8	CP	BPEDT	-20080201AQV
40	WXTV	PATERSON NJ	83.1	LIC	BLCDT	-20050214AGS
40	WXTV	PATERSON NJ	83.1	PLN	DTVPLN	-DTVP1446
40	WMGM-TV	WILDWOOD NJ	124.8	CP	BPCT	-20050906ACP
26	KYW-DT	PHILADELPHIA PA	50.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record				
Channel	Call	City/State	Application	Ref. No.
25	WTVE	READING PA	BPCDT	-20040518AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WNYE-TV	NEW YORK NY	151.8	CP MOD	BMPEDT	-20070124AAX
24	WNYE-TV	NEW YORK NY	151.8	PLN	DTVPLN	-DTVP0895
24	WNVF	FAIRFAX VA	208.2	CP	BPEDT	-20080221ACD
24	WNVF	FAIRFAX VA	208.2	PLN	DTVPLN	-DTVP0909
25	WCNY-TV	SYRACUSE NY	292.7	LIC	BMLEDT	-20040916ABJ
25	WCNY-TV	SYRACUSE NY	292.7	PLN	DTVPLN	-DTVP0933
25	KDKA-TV	PITTSBURGH PA	366.4	LIC	BLCDT	-20041004ACS
25	KDKA-TV	PITTSBURGH PA	366.4	PLN	DTVPLN	-DTVP0934
25	WTVR-TV	RICHMOND VA	354.0	LIC	BLCDT	-20021204ABA
25	WTVR-TV	RICHMOND VA	354.0	PLN	DTVPLN	-DTVP0939
26	WHAG-TV	HAGERSTOWN MD	207.1	PLN	DTVPLN	-DTVP0958
26	KYW-TV	PHILADELPHIA PA	50.0	PLN	DTVPLN	-DTVP0974
26	KYW-DT	PHILADELPHIA PA	50.0	APP	USERRECORD-01	

Total scenarios = 16

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 28)

Result key: 1
Scenario 1 Affected station 5
Before Analysis

Results for: 25A PA READING BPCDT 20040518AAZ CP
HAAT 395.0 m, ATV ERP 900.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8107222	26215.7
not affected by terrain losses	8006160	25189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2820738	4228.5
lost to ATV IX only	2820738	4228.5
lost to all IX	2820738	4228.5

Potential Interfering Stations Included in above Scenario 1

24A NY NEW YORK	BMPEDT	20070124AAZ	CP
25A NY SYRACUSE	BML EDT	20040916ABJ	LIC
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 25A PA READING BPCDT 20040518AAZ CP
HAAT 395.0 m, ATV ERP 900.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8107222	26215.7
not affected by terrain losses	8006160	25189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2836735	4268.7
lost to ATV IX only	2836735	4268.7
lost to all IX	2836735	4268.7

Potential Interfering Stations Included in above Scenario 1

24A NY NEW YORK	BMPEDT	20070124AAZ	CP
25A NY SYRACUSE	BML EDT	20040916ABJ	LIC
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.3085%

Worst case new IX 0.3085% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	WTVE	READING PA	DTVPLN -DTVP0935

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	WNYE-TV	NEW YORK NY	151.8	CP MOD BMPEDT	-20070124AAZ

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 28)

24	WNYE-TV	NEW YORK NY	151.8	PLN	DTVPLN	-DTVP0895
24	WNYC	FAIRFAX VA	208.2	CP	BPEDT	-20080221ACD
24	WNYC	FAIRFAX VA	208.2	PLN	DTVPLN	-DTVP0909
25	WCNY-TV	SYRACUSE NY	292.7	LIC	BML EDT	-20040916ABJ
25	WCNY-TV	SYRACUSE NY	292.7	PLN	DTVPLN	-DTVP0933
25	KDKA-TV	PITTSBURGH PA	366.4	LIC	BLCDT	-20041004ACS
25	KDKA-TV	PITTSBURGH PA	366.4	PLN	DTVPLN	-DTVP0934
25	WTVR-TV	RICHMOND VA	354.0	LIC	BLCDT	-20021204ABA
25	WTVR-TV	RICHMOND VA	354.0	PLN	DTVPLN	-DTVP0939
26	WHAG-TV	HAGERSTOWN MD	207.1	PLN	DTVPLN	-DTVP0958
26	KYW-TV	PHILADELPHIA PA	50.0	PLN	DTVPLN	-DTVP0974
26	KYW-DT	PHILADELPHIA PA	50.0	APP	USERRECORD-01	

Total scenarios = 16

Result key: 17
Scenario 1 Affected station 6
Before Analysis

Results for: 25A PA READING DTVPLN DTVP0935 PLN
HAAT 395.0 m, ATV ERP 900.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8107222	26215.7
not affected by terrain losses	8006160	25189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2820738	4228.5
lost to ATV IX only	2820738	4228.5
lost to all IX	2820738	4228.5

Potential Interfering Stations Included in above Scenario 1

24A NY NEW YORK	BMPEDT	20070124AAZ	CP
25A NY SYRACUSE	BML EDT	20040916ABJ	LIC
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 25A PA READING DTVPLN DTVP0935 PLN
HAAT 395.0 m, ATV ERP 900.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	8107222	26215.7
not affected by terrain losses	8006160	25189.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2836735	4268.7
lost to ATV IX only	2836735	4268.7
lost to all IX	2836735	4268.7

Potential Interfering Stations Included in above Scenario 1

24A NY NEW YORK	BMPEDT	20070124AAZ	CP
25A NY SYRACUSE	BML EDT	20040916ABJ	LIC
25A PA PITTSBURGH	BLCDT	20041004ACS	LIC
25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.3085%

Worst case new IX 0.3085% Scenario 1

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 9 of 28)

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Analysis of Interference to Affected Station 7

Analysis of current record
Channel Call City/State Application Ref. No.
25 WTVE READING PA BLCDT -20040323ATZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	WNYE-TV	NEW YORK NY	167.5	CP MOD	BMPEDT	-20070124AAX
24	WNYE-TV	NEW YORK NY	167.5	PLN	DTVPLN	-DTVP0895
24	WATM-TV	ALTOONA PA	216.5	LIC	BLCDT	-20050603ACF
24	WATM-TV	ALTOONA PA	216.5	PLN	DTVPLN	-DTVP0899
24	WNVC	FAIRFAX VA	199.8	CP	BPEDT	-20080221ACD
24	WNVC	FAIRFAX VA	199.8	PLN	DTVPLN	-DTVP0909
25	WCNY-TV	SYRACUSE NY	288.5	LIC	BMLEDT	-20040916ABJ
25	WCNY-TV	SYRACUSE NY	288.6	PLN	DTVPLN	-DTVP0933
25	KDKA-TV	PITTSBURGH PA	349.0	LIC	BLCDT	-20041004ACS
25	KDKA-TV	PITTSBURGH PA	349.0	PLN	DTVPLN	-DTVP0934
25	WTVR-TV	RICHMOND VA	348.4	LIC	BLCDT	-20021204ABA
25	WTVR-TV	RICHMOND VA	348.4	PLN	DTVPLN	-DTVP0939
26	WHAG-TV	HAGERSTOWN MD	192.0	PLN	DTVPLN	-DTVP0958
26	KYW-TV	PHILADELPHIA PA	65.6	PLN	DTVPLN	-DTVP0974
26	KYW-DT	PHILADELPHIA PA	65.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 33
Scenario 1 Affected station 7
Before Analysis

Results for: 25A PA READING BLCDT 20040323ATZ LIC
HAAT 219.0 m, ATV ERP 0.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1181213	6355.2
not affected by terrain losses	1033376	5395.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	262054	943.4
lost to ATV IX only	262054	943.4
lost to all IX	262054	943.4

Potential Interfering Stations Included in above Scenario 1

25A NY SYRACUSE BMLEDT 20040916ABJ LIC
26A PA PHILADELPHIA DTVPLN DTVP0974 PLN

After Analysis

Results for: 25A PA READING BLCDT 20040323ATZ LIC
HAAT 219.0 m, ATV ERP 0.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1181213	6355.2
not affected by terrain losses	1033376	5395.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	262054	943.4
lost to ATV IX only	262054	943.4
lost to all IX	262054	943.4

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 10 of 28)

Potential Interfering Stations Included in above Scenario 1

25A NY SYRACUSE BMLEDT 20040916ABJ LIC
26A PA PHILADELPHIA USERRECORD01 APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record
Channel Call City/State Application Ref. No.
26 WHPX NEW LONDON CT DTVPLN -DTVP0950

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WNNE	HARTFORD VT	225.5	LIC	BLCDT	-20050801BFZ
25	WNNE	HARTFORD VT	225.5	PLN	DTVPLN	-DTVP0940
26	WTEN	ALBANY NY	201.0	LIC	BLCDT	-20060104ACC
26	WTEN	ALBANY NY	201.0	PLN	DTVPLN	-DTVP0968
26	KYW-TV	PHILADELPHIA PA	298.5	PLN	DTVPLN	-DTVP0974
27	WUTF-TV	MARLBOROUGH MA	122.2	CP	BPCDT	-20080328AIV
27	WUTF-TV	MARLBOROUGH MA	122.2	PLN	DTVPLN	-DTVP1001
27	WTBY-TV	POUGHKEEPSIE NY	146.0	LIC	BMLCDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	146.0	PLN	DTVPLN	-DTVP1011
26	KYW-DT	PHILADELPHIA PA	298.5	APP	USERRECORD-01	

Total scenarios = 8

Result key: 35
Scenario 1 Affected station 8
Before Analysis

Results for: 26A CT NEW LONDON DTVPLN DTVP0950 PLN
HAAT 368.0 m, ATV ERP 76.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3516253	19250.0
not affected by terrain losses	3421712	18878.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	93959	335.5
lost to ATV IX only	93959	335.5
lost to all IX	93959	335.5

Potential Interfering Stations Included in above Scenario 1

26A NY ALBANY BLCDT 20060104ACC LIC
27A MA MARLBOROUGH BPCDT 20080328AIV CP
27A NY POUGHKEEPSIE BMLCDT 20061031ACG LIC
26A PA PHILADELPHIA DTVPLN DTVP0974 PLN

After Analysis

Results for: 26A CT NEW LONDON DTVPLN DTVP0950 PLN
HAAT 368.0 m, ATV ERP 76.0 kW

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 11 of 28)

	POPULATION	AREA (sq km)
within Noise Limited Contour	3516253	19250.0
not affected by terrain losses	3421712	18878.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	93959	335.5
lost to ATV IX only	93959	335.5
lost to all IX	93959	335.5

Potential Interfering Stations Included in above Scenario 1

26A NY ALBANY	BLCDDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDDT	20080328AIV	CP
27A NY POUGHKEEPSIE	BMLCDDT	20061031ACG	LIC
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WHPX	NEW LONDON CT	BPCDDT	-20080313ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WNNE	HARTFORD VT	225.5	LIC	BLCDDT	-20050801BFZ
25	WNNE	HARTFORD VT	225.5	PLN	DTVPLN	-DTVP0940
26	WTEN	ALBANY NY	201.0	LIC	BLCDDT	-20060104ACC
26	WTEN	ALBANY NY	201.0	PLN	DTVPLN	-DTVP0968
26	KYW-TV	PHILADELPHIA PA	298.5	PLN	DTVPLN	-DTVP0974
27	WUTF-TV	MARLBOROUGH MA	122.2	CP	BPCDDT	-20080328AIV
27	WUTF-TV	MARLBOROUGH MA	122.2	PLN	DTVPLN	-DTVP1001
27	WTBY-TV	POUGHKEEPSIE NY	146.0	LIC	BMLCDDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	146.0	PLN	DTVPLN	-DTVP1011
26	KYW-DT	PHILADELPHIA PA	298.5	APP	USERRECORD-01	

Total scenarios = 8

Result key: 43

Scenario 1 Affected station 9

Before Analysis

Results for: 26A CT NEW LONDON BPCDDT 20080313ABQ CP
HAAT 384.0 m, ATV ERP 95.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3554150	19251.5
not affected by terrain losses	3448223	18847.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70805	319.7
lost to ATV IX only	70805	319.7
lost to all IX	70805	319.7

Potential Interfering Stations Included in above Scenario 1

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 12 of 28)

26A NY ALBANY	BLCDDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDDT	20080328AIV	CP
27A NY POUGHKEEPSIE	BMLCDDT	20061031ACG	LIC
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 26A CT NEW LONDON BPCDDT 20080313ABQ CP
HAAT 384.0 m, ATV ERP 95.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3554150	19251.5
not affected by terrain losses	3448223	18847.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70805	319.7
lost to ATV IX only	70805	319.7
lost to all IX	70805	319.7

Potential Interfering Stations Included in above Scenario 1

26A NY ALBANY	BLCDDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDDT	20080328AIV	CP
27A NY POUGHKEEPSIE	BMLCDDT	20061031ACG	LIC
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WHAG-TV	HAGERSTOWN MD	DTVPLN	-DTVP0958

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KDKA-TV	PITTSBURGH PA	197.6	LIC	BLCDDT	-20041004ACS
25	KDKA-TV	PITTSBURGH PA	197.6	PLN	DTVPLN	-DTVP0934
25	WTVE	READING PA	207.1	CP	BPCDDT	-20040518AAZ
25	WTVE	READING PA	207.1	PLN	DTVPLN	-DTVP0935
25	WTVE	READING PA	192.0	LIC	BLCDDT	-20040323ATZ
26	WKAS	ASHLAND KY	423.3	LIC	BLEDDT	-20020404ABM
26	WKAS	ASHLAND KY	423.3	PLN	DTVPLN	-DTVP0954
26	WNYB	JAMESTOWN NY	321.5	PLN	DTVPLN	-DTVP0969
26	WNYB	JAMESTOWN NY	321.5	CP	BPCDDT	-20080313ACK
26	WVIZ	CLEVELAND OH	368.3	CP	BPEDT	-20080317ACT
26	WVIZ	CLEVELAND OH	369.6	PLN	DTVPLN	-DTVP0970
26	KYW-TV	PHILADELPHIA PA	236.1	PLN	DTVPLN	-DTVP0974
26	WRLH-TV	RICHMOND VA	241.1	CP MOD	BMPCDDT	-20040507ABE
26	WRLH-TV	RICHMOND VA	241.1	PLN	DTVPLN	-DTVP0982
27	WETA-TV	WASHINGTON DC	109.8	LIC	BLEDDT	-20070727ACJ
27	WETA-TV	WASHINGTON DC	109.8	PLN	DTVPLN	-DTVP0991
26	KYW-DT	PHILADELPHIA PA	236.1	APP	USERRECORD-01	

Total scenarios = 8

Result key: 55

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 13 of 28)

Scenario 5 Affected station 10
Before Analysis

Results for: 26A MD HAGERSTOWN DTVPLN DTVP0958 PLN
HAAT 359.0 m, ATV ERP 574.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2182668	30005.6
not affected by terrain losses	1911395	25186.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	549929	2990.9
lost to ATV IX only	549929	2990.9
lost to all IX	549929	2990.9

Potential Interfering Stations Included in above Scenario 5

26A NY JAMESTOWN	BPCDT	20080313ACK	CP
26A OH CLEVELAND	DTVPLN	DTVP0970	PLN
26A VA RICHMOND	BMPCDT	20040507ABE	CP
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 26A MD HAGERSTOWN DTVPLN DTVP0958 PLN
HAAT 359.0 m, ATV ERP 574.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2182668	30005.6
not affected by terrain losses	1911395	25186.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	550456	3003.0
lost to ATV IX only	550456	3003.0
lost to all IX	550456	3003.0

Potential Interfering Stations Included in above Scenario 5

26A NY JAMESTOWN	BPCDT	20080313ACK	CP
26A OH CLEVELAND	DTVPLN	DTVP0970	PLN
26A VA RICHMOND	BMPCDT	20040507ABE	CP
27A DC WASHINGTON	BLEDT	20070727ACJ	LIC
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0387%

Worst case new IX 0.0387% Scenario 5

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WTEN	ALBANY NY	BLCDDT	-20060104ACC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WCNY-TV	SYRACUSE NY	175.6	LIC	BMLEDT	-20040916ABJ
25	WCNY-TV	SYRACUSE NY	175.6	PLN	DTVPLN	-DTVPO933
25	WNNE	HARTFORD VT	155.5	LIC	BLCDDT	-20050801BFZ
25	WNNE	HARTFORD VT	155.5	PLN	DTVPLN	-DTVPO940

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 14 of 28)

26	WHPX	NEW LONDON CT	201.0	PLN	DTVPLN	-DTVPO950
26	WHPX	NEW LONDON CT	201.0	CP	BPCDDT	-20080313ABQ
26	WNYB	JAMESTOWN NY	428.3	PLN	DTVPLN	-DTVPO969
26	WNYB	JAMESTOWN NY	428.3	CP	BPCDDT	-20080313ACK
26	KYW-TV	PHILADELPHIA PA	304.9	PLN	DTVPLN	-DTVPO974
27	WUTF-TV	MARLBOROUGH MA	208.0	CP	BPCDDT	-20080328AIV
27	WUTF-TV	MARLBOROUGH MA	208.0	PLN	DTVPLN	-DTVPI001
27	WTBY-TV	POUGHKEEPSIE NY	126.4	LIC	BMLCDDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	126.4	PLN	DTVPLN	-DTVPI011
27	WFXV	UTICA NY	125.8	APP	BMPCDDT	-20080114ABF
27	WFXV	UTICA NY	125.5	PLN	DTVPLN	-DTVPI012
27	WFXV	UTICA NY	125.5	CP	BPCDDT	-19991029AIE
26	KYW-DT	PHILADELPHIA PA	304.9	APP	USERRECORD-01	

Total scenarios = 24

Result key: 59
Scenario 1 Affected station 11
Before Analysis

Results for: 26A NY ALBANY BLCDDT 20060104ACC LIC
HAAT 426.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1716633	33944.0
not affected by terrain losses	1519575	28374.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23033	1306.2
lost to ATV IX only	23033	1306.2
lost to all IX	23033	1306.2

Potential Interfering Stations Included in above Scenario 1

25A VT HARTFORD	BLCDDT	20050801BFZ	LIC
26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
27A NY POUGHKEEPSIE	BMLCDDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 26A NY ALBANY BLCDDT 20060104ACC LIC
HAAT 426.0 m, ATV ERP 700.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1716633	33944.0
not affected by terrain losses	1519575	28374.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23033	1306.2
lost to ATV IX only	23033	1306.2
lost to all IX	23033	1306.2

Potential Interfering Stations Included in above Scenario 1

25A VT HARTFORD	BLCDDT	20050801BFZ	LIC
26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
27A NY POUGHKEEPSIE	BMLCDDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 15 of 28)

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WTEN	ALBANY NY	DTVPLN	-DTVP0968

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WCNY-TV	SYRACUSE NY	175.6	LIC	BMLCDT	-20040916ABJ
25	WCNY-TV	SYRACUSE NY	175.6	PLN	DTVPLN	-DTVP0933
25	WNNE	HARTFORD VT	155.5	LIC	BLCDT	-20050801BFZ
25	WNNE	HARTFORD VT	155.5	PLN	DTVPLN	-DTVP0940
26	WHPX	NEW LONDON CT	201.0	PLN	DTVPLN	-DTVP0950
26	WHPX	NEW LONDON CT	201.0	CP	BPCDT	-20080313ABQ
26	WNYB	JAMESTOWN NY	428.3	PLN	DTVPLN	-DTVP0969
26	WNYB	JAMESTOWN NY	428.3	CP	BPCDT	-20080313ACK
26	KYW-TV	PHILADELPHIA PA	304.9	PLN	DTVPLN	-DTVP0974
27	WUTF-TV	MARLBOROUGH MA	208.0	CP	BPCDT	-20080328AIV
27	WUTF-TV	MARLBOROUGH MA	208.0	PLN	DTVPLN	-DTVP1001
27	WTBY-TV	POUGHKEEPSIE NY	126.4	LIC	BMLCDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	126.4	PLN	DTVPLN	-DTVP1011
27	WFXV	UTICA NY	125.8	APP	BMPCDT	-20080114ABF
27	WFXV	UTICA NY	125.5	PLN	DTVPLN	-DTVP1012
27	WFXV	UTICA NY	125.5	CP	BPCDT	-19991029AIE
26	KYW-DT	PHILADELPHIA PA	304.9	APP	USERRECORD-01	

Total scenarios = 24

Result key: 83
Scenario 1 Affected station 12
Before Analysis

Results for: 26A NY ALBANY	DTVPLN	DTVP0968	PLN
HAAT 426.0 m, ATV ERP 700.0 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	1716633	33944.0
not affected by terrain losses	1519575	28374.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23033	1306.2
lost to ATV IX only	23033	1306.2
lost to all IX	23033	1306.2

Potential Interfering Stations Included in above Scenario 1

25A VT HARTFORD	BLCDT	20050801BFZ	LIC
26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
27A NY POUGHKEEPSIE	BMLCDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 26A NY ALBANY	DTVPLN	DTVP0968	PLN
HAAT 426.0 m, ATV ERP 700.0 kW			
	POPULATION	AREA (sq km)	

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 16 of 28)

within Noise Limited Contour	1716633	33944.0
not affected by terrain losses	1519575	28374.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23033	1306.2
lost to ATV IX only	23033	1306.2
lost to all IX	23033	1306.2

Potential Interfering Stations Included in above Scenario 1

25A VT HARTFORD	BLCDT	20050801BFZ	LIC
26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
27A NY POUGHKEEPSIE	BMLCDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WNYB	JAMESTOWN NY	DTVPLN	-DTVP0969

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KDKA-TV	PITTSBURGH PA	221.1	LIC	BLCDT	-20041004ACS
25	KDKA-TV	PITTSBURGH PA	221.1	PLN	DTVPLN	-DTVP0934
26	WHAG-TV	HAGERSTOWN MD	321.5	PLN	DTVPLN	-DTVP0958
26	WTEN	ALBANY NY	428.3	LIC	BLCDT	-20060104ACC
26	WTEN	ALBANY NY	428.3	PLN	DTVPLN	-DTVP0968
26	WVIZ	CLEVELAND OH	232.3	CP	BPEDT	-20080317ACT
26	WVIZ	CLEVELAND OH	238.5	PLN	DTVPLN	-DTVP0970
26	KYW-TV	PHILADELPHIA PA	423.4	PLN	DTVPLN	-DTVP0974
26	KYW-DT	PHILADELPHIA PA	423.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WNYB	JAMESTOWN NY	BPCDT	-20080313ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KDKA-TV	PITTSBURGH PA	221.1	LIC	BLCDT	-20041004ACS
25	KDKA-TV	PITTSBURGH PA	221.1	PLN	DTVPLN	-DTVP0934
26	WHAG-TV	HAGERSTOWN MD	321.5	PLN	DTVPLN	-DTVP0958
26	WTEN	ALBANY NY	428.3	LIC	BLCDT	-20060104ACC
26	WTEN	ALBANY NY	428.3	PLN	DTVPLN	-DTVP0968
26	WVIZ	CLEVELAND OH	232.3	CP	BPEDT	-20080317ACT

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 17 of 28)

26	WVIZ	CLEVELAND OH	238.5	PLN	DTVPLN	-DTVP0970
26	KYW-TV	PHILADELPHIA PA	423.4	PLN	DTVPLN	-DTVP0974
26	KYW-DT	PHILADELPHIA PA	423.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WRLH-TV	RICHMOND VA	BMPCDT	-20040507ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WTVR-TV	RICHMOND VA	0.0	LIC	BLCDT	-20021204ABA
25	WTVR-TV	RICHMOND VA	0.0	PLN	DTVPLN	-DTVP0939
26	WHAG-TV	HAGERSTOWN MD	241.1	PLN	DTVPLN	-DTVP0958
26	KYW-TV	PHILADELPHIA PA	347.6	PLN	DTVPLN	-DTVP0974
27	WETA-TV	WASHINGTON DC	166.2	LIC	BLEDT	-20070727ACJ
27	WETA-TV	WASHINGTON DC	166.2	PLN	DTVPLN	-DTVP0991
27	WLFL	RALEIGH NC	220.4	CP	BPCDT	-20080317AGS
27	WLFL	RALEIGH NC	220.4	PLN	DTVPLN	-DTVP1005
26	KYW-DT	PHILADELPHIA PA	347.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 107
Scenario 1 Affected station 15
Before Analysis

Results for: 26A VA RICHMOND BMPCDT 20040507ABE CP

HAAT 328.0 m, ATV ERP 800.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1660181	31359.5
not affected by terrain losses	1617706	30984.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22961	241.8
lost to ATV IX only	22961	241.8
lost to all IX	22961	241.8

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A MD HAGERSTOWN	DTVPLN	DTVP0958	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 26A VA RICHMOND BMPCDT 20040507ABE CP

HAAT 328.0 m, ATV ERP 800.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1660181	31359.5
not affected by terrain losses	1617706	30984.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22961	241.8
lost to ATV IX only	22961	241.8
lost to all IX	22961	241.8

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 18 of 28)

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A MD HAGERSTOWN	DTVPLN	DTVP0958	PLN
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	WRLH-TV	RICHMOND VA	DTVPLN	-DTVP0982

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	WTVR-TV	RICHMOND VA	0.0	LIC	BLCDT	-20021204ABA
25	WTVR-TV	RICHMOND VA	0.0	PLN	DTVPLN	-DTVP0939
26	WHAG-TV	HAGERSTOWN MD	241.1	PLN	DTVPLN	-DTVP0958
26	KYW-TV	PHILADELPHIA PA	347.6	PLN	DTVPLN	-DTVP0974
27	WETA-TV	WASHINGTON DC	166.2	LIC	BLEDT	-20070727ACJ
27	WETA-TV	WASHINGTON DC	166.2	PLN	DTVPLN	-DTVP0991
27	WLFL	RALEIGH NC	220.4	CP	BPCDT	-20080317AGS
27	WLFL	RALEIGH NC	220.4	PLN	DTVPLN	-DTVP1005
26	KYW-DT	PHILADELPHIA PA	347.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 109
Scenario 1 Affected station 16
Before Analysis

Results for: 26A VA RICHMOND DTVPLN DTVP0982 PLN

HAAT 328.0 m, ATV ERP 800.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1660181	31359.5
not affected by terrain losses	1617706	30984.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22961	241.8
lost to ATV IX only	22961	241.8
lost to all IX	22961	241.8

Potential Interfering Stations Included in above Scenario 1

25A VA RICHMOND	BLCDT	20021204ABA	LIC
26A MD HAGERSTOWN	DTVPLN	DTVP0958	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 26A VA RICHMOND DTVPLN DTVP0982 PLN

HAAT 328.0 m, ATV ERP 800.0 kW	POPULATION	AREA (sq km)
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Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 19 of 28)

within Noise Limited Contour	1660181	31359.5
not affected by terrain losses	1617706	30984.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22961	241.8
lost to ATV IX only	22961	241.8
lost to all IX	22961	241.8
Potential Interfering Stations Included in above Scenario	1	
25A VA RICHMOND	BLCDT	20021204ABA LIC
26A MD HAGERSTOWN	DTVPLN	DTVP0958 PLN
26A PA PHILADELPHIA	USERRECORD01	APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WETA-TV	WASHINGTON DC	BLEDT -20070727ACJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WHAG-TV	HAGERSTOWN MD	109.8	PLN	DTVPLN -DTVP0958
26	KYW-TV	PHILADELPHIA PA	198.9	PLN	DTVPLN -DTVP0974
26	WRLH-TV	RICHMOND VA	166.2	CP MOD	BMPCDT -20040507ABE
26	WRLH-TV	RICHMOND VA	166.2	PLN	DTVPLN -DTVP0982
27	WLFL	RALEIGH NC	385.9	CP	BPCDT -20080317AGS
27	WLFL	RALEIGH NC	385.9	PLN	DTVPLN -DTVP1005
27	WGTW-TV	BURLINGTON NJ	199.3	LIC	BLCDT -20060105AAR
27	WGTW-TV	BURLINGTON NJ	199.3	PLN	DTVPLN -DTVP1007
27	WTBY-TV	POUGHKEEPSIE NY	387.6	LIC	BMLCDT -20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	387.6	PLN	DTVPLN -DTVP1011
28	WFPT	FREDERICK MD	39.9	LIC	BLEDT -20050302AEG
28	WFPT	FREDERICK MD	39.9	PLN	DTVPLN -DTVP1041
28	WCPB	SALISBURY MD	143.5	PLN	DTVPLN -DTVP1042
26	KYW-DT	PHILADELPHIA PA	198.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WETA-TV	WASHINGTON DC	DTVPLN -DTVP0991

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WHAG-TV	HAGERSTOWN MD	109.8	PLN	DTVPLN -DTVP0958
26	KYW-TV	PHILADELPHIA PA	198.9	PLN	DTVPLN -DTVP0974
26	WRLH-TV	RICHMOND VA	166.2	CP MOD	BMPCDT -20040507ABE

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 20 of 28)

26	WRLH-TV	RICHMOND VA	166.2	PLN	DTVPLN	-DTVP0982
27	WLFL	RALEIGH NC	385.9	CP	BPCDT	-20080317AGS
27	WLFL	RALEIGH NC	385.9	PLN	DTVPLN	-DTVP1005
27	WGTW-TV	BURLINGTON NJ	199.3	LIC	BLCDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	199.3	PLN	DTVPLN	-DTVP1007
27	WTBY-TV	POUGHKEEPSIE NY	387.6	LIC	BMLCDT	-20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	387.6	PLN	DTVPLN	-DTVP1011
28	WFPT	FREDERICK MD	39.9	LIC	BLEDT	-20050302AEG
28	WFPT	FREDERICK MD	39.9	PLN	DTVPLN	-DTVP1041
28	WCPB	SALISBURY MD	143.5	PLN	DTVPLN	-DTVP1042
26	KYW-DT	PHILADELPHIA PA	198.9	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.
27	WGTW-TV	BURLINGTON NJ	BLCDT -20060105AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KYW-TV	PHILADELPHIA PA	0.5	PLN	DTVPLN -DTVP0974
27	WETA-TV	WASHINGTON DC	199.3	LIC	BLEDT -20070727ACJ
27	WETA-TV	WASHINGTON DC	199.3	PLN	DTVPLN -DTVP0991
27	WUTF-TV	MARLBOROUGH MA	407.0	CP	BPCDT -20080328AIV
27	WUTF-TV	MARLBOROUGH MA	407.0	PLN	DTVPLN -DTVP1001
27	WTBY-TV	POUGHKEEPSIE NY	194.0	LIC	BMLCDT -20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	194.0	PLN	DTVPLN -DTVP1011
27	WFVX	UTICA NY	333.6	APP	BMPCDT -20080114ABF
27	WFVX	UTICA NY	333.4	PLN	DTVPLN -DTVP1012
27	WFVX	UTICA NY	333.4	CP	BPCDT -19991029AIE
28	WFPT	FREDERICK MD	197.7	LIC	BLEDT -20050302AEG
28	WFPT	FREDERICK MD	197.7	PLN	DTVPLN -DTVP1041
28	WCPB	SALISBURY MD	186.6	PLN	DTVPLN -DTVP1042
28	WNBC	NEW YORK NY	131.8	CP MOD	BMPCDT -20080314ACO
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN -DTVP1049
28	WNBC	NEW YORK NY	131.8	STA	BDSTA -20041220ADE
26	KYW-DT	PHILADELPHIA PA	0.5	APP	USERRECORD-01

Total scenarios = 36

Result key: 112
Scenario 2 Affected station 19
Before Analysis

Results for: 27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
HAAT 354.0 m, ATV ERP 160.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	7766692	21696.7	
not affected by terrain losses	7424541	20978.3	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	331998	1206.7	
lost to ATV IX only	331998	1206.7	
lost to all IX	331998	1206.7	

Potential Interfering Stations Included in above Scenario 2

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 21 of 28)

27A DC WASHINGTON	BLED	20070727ACJ	LIC
27A NY POUGHKEEPSIE	BMLCDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	DTVPLN	DTVP1049	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 27A NJ BURLINGTON BLCDD 20060105AAR LIC

HAAT 354.0 m, ATV ERP 160.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	334076	1214.8
lost to ATV IX only	334076	1214.8
lost to all IX	334076	1214.8

Potential Interfering Stations Included in above Scenario 2

27A DC WASHINGTON	BLED	20070727ACJ	LIC
27A NY POUGHKEEPSIE	BMLCDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	DTVPLN	DTVP1049	PLN
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0293%

Worst case new IX 0.0293% Scenario 2

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WGTW-TV	BURLINGTON NJ	DTVP1007

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	KYW-TV	PHILADELPHIA PA	0.5	PLN	DTVP0974
27	WETA-TV	WASHINGTON DC	199.3	LIC	BLED -20070727ACJ
27	WETA-TV	WASHINGTON DC	199.3	PLN	DTVPLN -DTVP0991
27	WUTF-TV	MARLBOROUGH MA	407.0	CP	BPCDT -20080328AIV
27	WUTF-TV	MARLBOROUGH MA	407.0	PLN	DTVPLN -DTVP1001
27	WTBY-TV	POUGHKEEPSIE NY	194.0	LIC	BMLCDT -20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	194.0	PLN	DTVPLN -DTVP1011
27	WFXV	UTICA NY	333.6	APP	BMPCDT -20080114ABF
27	WFXV	UTICA NY	333.4	PLN	DTVPLN -DTVP1012
27	WFXV	UTICA NY	333.4	CP	BPCDT -19991029AIE
28	WFPT	FREDERICK MD	197.7	LIC	BLED -20050302AEG
28	WFPT	FREDERICK MD	197.7	PLN	DTVPLN -DTVP1041
28	WCPB	SALISBURY MD	186.6	PLN	DTVPLN -DTVP1042
28	WNBC	NEW YORK NY	131.8	CP MOD	BMPCDT -20080314ACO
28	WNBC	NEW YORK NY	127.6	PLN	DTVPLN -DTVP1049
28	WNBC	NEW YORK NY	131.8	STA	BDSTA -20041220ADE
26	KYW-DT	PHILADELPHIA PA	0.5	APP	USERRECORD-01

Total scenarios = 36

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 22 of 28)

Result key: 148
Scenario 2 Affected station 20
Before Analysis

Results for: 27A NJ BURLINGTON DTVPLN DTVP1007 PLN

HAAT 354.0 m, ATV ERP 160.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	331998	1206.7
lost to ATV IX only	331998	1206.7
lost to all IX	331998	1206.7

Potential Interfering Stations Included in above Scenario 2

27A DC WASHINGTON	BLED	20070727ACJ	LIC
27A NY POUGHKEEPSIE	BMLCDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	DTVPLN	DTVP1049	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 27A NJ BURLINGTON DTVPLN DTVP1007 PLN

HAAT 354.0 m, ATV ERP 160.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	7766692	21696.7
not affected by terrain losses	7424541	20978.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	334076	1214.8
lost to ATV IX only	334076	1214.8
lost to all IX	334076	1214.8

Potential Interfering Stations Included in above Scenario 2

27A DC WASHINGTON	BLED	20070727ACJ	LIC
27A NY POUGHKEEPSIE	BMLCDT	20061031ACG	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	DTVPLN	DTVP1049	PLN
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0293%

Worst case new IX 0.0293% Scenario 2

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WTBY-TV	POUGHKEEPSIE NY	BMLCDT -20061031ACG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
26	WHPX	NEW LONDON CT	146.0	PLN	DTVPLN -DTVP0950
26	WHPX	NEW LONDON CT	146.0	CP	BPCDT -20080313ABQ

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 23 of 28)

26	WTEN	ALBANY NY	126.4	LIC	BLCDDT	-20060104ACC
26	WTEN	ALBANY NY	126.4	PLN	DTVPLN	-DTVP0968
26	KYW-TV	PHILADELPHIA PA	194.2	PLN	DTVPLN	-DTVP0974
27	WETA-TV	WASHINGTON DC	387.6	LIC	BLEDT	-20070727ACJ
27	WETA-TV	WASHINGTON DC	387.6	PLN	DTVPLN	-DTVP0991
27	WUTF-TV	MARLBOROUGH MA	226.0	CP	BPCDDT	-20080328AIV
27	WUTF-TV	MARLBOROUGH MA	226.0	PLN	DTVPLN	-DTVP1001
27	WGTW-TV	BURLINGTON NJ	194.0	LIC	BLCDDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	194.0	PLN	DTVPLN	-DTVP1007
27	WFXV	UTICA NY	211.8	APP	BMPCDDT	-20080114ABF
27	WFXV	UTICA NY	211.6	PLN	DTVPLN	-DTVP1012
27	WFXV	UTICA NY	211.6	CP	BPCDDT	-19991029AIE
28	WNBC	NEW YORK NY	82.4	CP MOD	BMPCDDT	-20080314ACO
28	WNBC	NEW YORK NY	86.5	PLN	DTVPLN	-DTVP1049
28	WNBC	NEW YORK NY	82.4	STA	BDSTA	-20041220ADE
26	KYW-DT	PHILADELPHIA PA	194.2	APP	USERRECORD-01	

Total scenarios = 144

Result key: 183
Scenario 1 Affected station 21
Before Analysis

Results for: 27A NY POUGHKEEPSIE BMLCDDT 20061031ACG LIC
HAAT 358.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17003664	29219.9
not affected by terrain losses	16417615	26656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8548418	3018.2
lost to ATV IX only	8548418	3018.2
lost to all IX	8548418	3018.2

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
26A NY ALBANY	BLCDDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDDT	20080328AIV	CP
27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	BMPCDDT	20080314ACO	CP
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE BMLCDDT 20061031ACG LIC
HAAT 358.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17003664	29219.9
not affected by terrain losses	16417615	26656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8548418	3018.2
lost to ATV IX only	8548418	3018.2
lost to all IX	8548418	3018.2

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
26A NY ALBANY	BLCDDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDDT	20080328AIV	CP
27A NJ BURLINGTON	BLCDDT	20060105AAR	LIC

Table 1 KYW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 24 of 28)

27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	BMPCDDT	20080314ACO	CP
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WTBY-TV	POUGHKEEPSIE NY	DTVPLN	-DTVP1011

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WHPX	NEW LONDON CT	146.0	PLN	DTVPLN	-DTVP0950
26	WHPX	NEW LONDON CT	146.0	CP	BPCDDT	-20080313ABQ
26	WTEN	ALBANY NY	126.4	LIC	BLCDDT	-20060104ACC
26	WTEN	ALBANY NY	126.4	PLN	DTVPLN	-DTVP0968
26	KYW-TV	PHILADELPHIA PA	194.2	PLN	DTVPLN	-DTVP0974
27	WETA-TV	WASHINGTON DC	387.6	LIC	BLEDT	-20070727ACJ
27	WETA-TV	WASHINGTON DC	387.6	PLN	DTVPLN	-DTVP0991
27	WUTF-TV	MARLBOROUGH MA	226.0	CP	BPCDDT	-20080328AIV
27	WUTF-TV	MARLBOROUGH MA	226.0	PLN	DTVPLN	-DTVP1001
27	WGTW-TV	BURLINGTON NJ	194.0	LIC	BLCDDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	194.0	PLN	DTVPLN	-DTVP1007
27	WFXV	UTICA NY	211.8	APP	BMPCDDT	-20080114ABF
27	WFXV	UTICA NY	211.6	PLN	DTVPLN	-DTVP1012
27	WFXV	UTICA NY	211.6	CP	BPCDDT	-19991029AIE
28	WNBC	NEW YORK NY	82.4	CP MOD	BMPCDDT	-20080314ACO
28	WNBC	NEW YORK NY	86.5	PLN	DTVPLN	-DTVP1049
28	WNBC	NEW YORK NY	82.4	STA	BDSTA	-20041220ADE
26	KYW-DT	PHILADELPHIA PA	194.2	APP	USERRECORD-01	

Total scenarios = 144

Result key: 327
Scenario 1 Affected station 22
Before Analysis

Results for: 27A NY POUGHKEEPSIE DTVPLN DTVP1011 PLN
HAAT 358.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	17003664	29219.9
not affected by terrain losses	16417615	26656.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8548418	3018.2
lost to ATV IX only	8548418	3018.2
lost to all IX	8548418	3018.2

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
26A NY ALBANY	BLCDDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDDT	20080328AIV	CP

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 25 of 28)

27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	BMPCDT	20080314ACO	CP
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 27A NY POUGHKEEPSIE	DTVPLN	DTVP1011	PLN
HAAT 358.0 m, ATV ERP 800.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	17003664	29219.9	
not affected by terrain losses	16417615	26656.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	8548418	3018.2	
lost to ATV IX only	8548418	3018.2	
lost to all IX	8548418	3018.2	

Potential Interfering Stations Included in above Scenario 1

26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
26A NY ALBANY	BLCDT	20060104ACC	LIC
27A MA MARLBOROUGH	BPCDT	20080328AIV	CP
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
27A NY UTICA	DTVPLN	DTVP1012	PLN
28A NY NEW YORK	BMPCDT	20080314ACO	CP
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WPPA-CA	PHILADELPHIA PA	BLTTL	-20000428ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WHP-TV	HARRISBURG PA	142.7	LIC	BLCT	-2171
21	WHP-TV	HARRISBURG PA	142.7	PLN	DTVPLN	-DTVP0778
21	WHP-TV	HARRISBURG PA	142.7	CP MOD	BMPCDT	-20080606AEJ
24	WNYE-TV	NEW YORK NY	132.5	CP MOD	BMPEDT	-20070124AAX
24	WNYE-TV	NEW YORK NY	132.5	PLN	DTVPLN	-DTVP0895
25	WTVE	READING PA	50.6	CP	BPCDT	-20040518AAZ
25	WTVE	READING PA	50.6	PLN	DTVPLN	-DTVP0935
25	WTVE	READING PA	66.2	LIC	BLCDT	-20040323ATZ
26	KYW-TV	PHILADELPHIA PA	0.6	CP	BPCDT	-19980408KE
26	KYW-TV	PHILADELPHIA PA	0.6	PLN	DTVPLN	-DTVP0974
27	WGTW-TV	BURLINGTON NJ	0.3	LIC	BLCDT	-20060105AAR
27	WGTW-TV	BURLINGTON NJ	0.3	PLN	DTVPLN	-DTVP1007
28	WFPT	FREDERICK MD	197.6	LIC	BLEDT	-20050302AEG
28	WFPT	FREDERICK MD	197.6	PLN	DTVPLN	-DTVP1041
28	WCPB	SALISBURY MD	186.3	LIC	BLET	-19950629KE
28	WCPB	SALISBURY MD	186.3	PLN	DTVPLN	-DTVP1042
28	WNBC	NEW YORK NY	132.0	CP MOD	BMPCDT	-20080314ACO
28	WNBC	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP1049

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 26 of 28)

28	WNBC	NEW YORK NY	132.0	STA	BDSTA	-20041220ADE
28	WBRE-TV	WILKES-BARRE PA	137.9	LIC	BLCT	-19891005KF
29	WUVP-TV	VINELAND NJ	0.3	CP	BPCDT	-20080328AIW
29	WUVP-TV	VINELAND NJ	0.3	PLN	DTVPLN	-DTVP1080
29	WFME-TV	WEST MILFORD NJ	117.6	LIC	BLEDT	-20040712ACP
29	WFME-TV	WEST MILFORD NJ	117.6	PLN	DTVPLN	-DTVP1081
29	WTFX-TV	PHILADELPHIA PA	0.2	LIC	BLCT	-2289
30	WFUT-TV	NEWARK NJ	132.5	PLN	DTVPLN	-DTVP1113
30	WGCB-TV	RED LION PA	115.6	LIC	BLCDT	-20050615AAB
30	WGCB-TV	RED LION PA	115.6	PLN	DTVPLN	-DTVP1119
31	WPPX	WILMINGTON DE	0.3	LIC	BLCDT	-20031203AFL
31	WPPX	WILMINGTON DE	0.3	PLN	DTVPLN	-DTVP1134
31	WPXN-TV	NEW YORK NY	127.8	PLN	DTVPLN	-DTVP1155
32	WPSG	PHILADELPHIA PA	0.3	LIC	BLCDT	-20021025AAS
32	WPSG	PHILADELPHIA PA	0.3	PLN	DTVPLN	-DTVP1192
35	WYBE	PHILADELPHIA PA	0.3	PLN	DTVPLN	-DTVP1305
36	WNJU	LINDEN NJ	119.2	CP MOD	BMPCDT	-20080317ADM
36	WNJU	LINDEN NJ	132.0	PLN	DTVPLN	-DTVP1339
36	WMGM-TV	WILDWOOD NJ	109.4	LIC	BLCDT	-20060626ABE
36	WMGM-TV	WILDWOOD NJ	109.4	PLN	DTVPLN	-DTVP1340
36	WITF-TV	HARRISBURG PA	142.7	LIC	BLEDT	-20000922AHE
36	WITF-TV	HARRISBURG PA	142.6	PLN	DTVPLN	-DTVP1345
42	WTFX-TV	PHILADELPHIA PA	0.2	LIC	BLCDT	-20070914AAK
42	WTFX-TV	PHILADELPHIA PA	0.2	PLN	DTVPLN	-DTVP1514
42	WTFX-TV	PHILADELPHIA PA	0.2	CP	BPCDT	-20080313ACO
43	WNJT	TRENTON NJ	54.0	LIC	BLEDT	-20030411AAE
43	WNJT	TRENTON NJ	53.9	PLN	DTVPLN	-DTVP1547
43	WPMT	YORK PA	116.0	LIC	BMLCT	-20041025ABJ
26	KYW-DT	PHILADELPHIA PA	0.6	APP	USERRECORD-01	

Total scenarios = 48

Result key: 471
Scenario 1 Affected station 23
Before Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2009995	669.9	
not affected by terrain losses	2009995	669.9	
lost to NTSC IX	1987169	657.8	
lost to additional IX by ATV	7602	4.0	
lost to all IX	1994771	661.8	

Potential Interfering Stations Included in above Scenario 1

28N MD SALISBURY	BLET	19950629KE	LIC
28N PA WILKES-BARRE	BLCT	19891005KF	LIC
29N PA PHILADELPHIA	BLCT	2289	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
28A NY NEW YORK	BMPCDT	20080314ACO	CP
29A NJ VINELAND	BPCDT	20080328AIW	CP
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
35A PA PHILADELPHIA	DTVPLN	DTVP1305	PLN
26A PA PHILADELPHIA	DTVPLN	DTVP0974	PLN

After Analysis

Results for: 28N PA PHILADELPHIA	BLTTL	20000428ABK	LIC
	POPULATION	AREA (sq km)	

Table 1 KYW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 27 of 28)

within Noise Limited Contour	2009995	669.9
not affected by terrain losses	2009995	669.9
lost to NTSC IX	1987169	657.8
lost to additional IX by ATV	7602	4.0
lost to all IX	1994771	661.8

Potential Interfering Stations Included in above Scenario 1

28N MD SALISBURY	BLET	19950629KE	LIC
28N PA WILKES-BARRE	BLCT	19891005KF	LIC
29N PA PHILADELPHIA	BLCT	2289	LIC
27A NJ BURLINGTON	BLCDT	20060105AAR	LIC
28A NY NEW YORK	BMPCDT	20080314ACO	CP
29A NJ VINELAND	BPCDT	20080328AIW	CP
31A DE WILMINGTON	BLCDT	20031203AFL	LIC
32A PA PHILADELPHIA	BLCDT	20021025AAS	LIC
35A PA PHILADELPHIA	DTVPLN	DTVP1305	PLN
26A PA PHILADELPHIA	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	KYW-DT	PHILADELPHIA PA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
25	WTVE	READING PA	50.0	CP	BPCDT -20040518AAZ
25	WTVE	READING PA	50.0	PLN	DTVPLN -DTVP0935
25	WTVE	READING PA	65.6	LIC	BLCDT -20040323ATZ
26	WHPX	NEW LONDON CT	298.5	PLN	DTVPLN -DTVP0950
26	WHPX	NEW LONDON CT	298.5	CP	BPCDT -20080313ABQ
26	WHAG-TV	HAGERSTOWN MD	236.1	PLN	DTVPLN -DTVP0958
26	WTEN	ALBANY NY	304.9	LIC	BLCDT -20060104ACC
26	WTEN	ALBANY NY	304.9	PLN	DTVPLN -DTVP0968
26	WNYB	JAMESTOWN NY	423.4	PLN	DTVPLN -DTVP0969
26	WNYB	JAMESTOWN NY	423.4	CP	BPCDT -20080313ACK
26	WRLH-TV	RICHMOND VA	347.6	CP MOD	BMPCDT -20040507ABE
26	WRLH-TV	RICHMOND VA	347.6	PLN	DTVPLN -DTVP0982
27	WETA-TV	WASHINGTON DC	198.9	LIC	BLEDT -20070727ACJ
27	WETA-TV	WASHINGTON DC	198.9	PLN	DTVPLN -DTVP0991
27	WGTW-TV	BURLINGTON NJ	0.5	LIC	BLCDT -20060105AAR
27	WGTW-TV	BURLINGTON NJ	0.5	PLN	DTVPLN -DTVP1007
27	WTBY-TV	POUGHKEEPSIE NY	194.2	LIC	BMLCDT -20061031ACG
27	WTBY-TV	POUGHKEEPSIE NY	194.2	PLN	DTVPLN -DTVP1011

Total scenarios = 48

Result key: 542
Scenario 24 Affected station 24
Before Analysis

Results for: 26A PA PHILADELPHIA USERRECORD01 APP

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

HAAT 375.0 m, ATV ERP 790.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	10395366	33993.6
not affected by terrain losses	10252953	32912.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	163244	1201.8
lost to ATV IX only	163244	1201.8
lost to all IX	163244	1201.8

Potential Interfering Stations Included in above Scenario 24

25A PA READING	DTVPLN	DTVP0935	PLN
26A CT NEW LONDON	DTVPLN	DTVP0950	PLN
26A MD HAGERSTOWN	DTVPLN	DTVP0958	PLN
26A NY ALBANY	DTVPLN	DTVP0968	PLN
26A VA RICHMOND	DTVPLN	DTVP0982	PLN
27A NJ BURLINGTON	DTVPLN	DTVP1007	PLN

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

SECTION III-D - DTV Engineering	
Complete Questions 1-5, and provide all data and information for the proposed facility, as requested in Technical Specifications, Items 1-13.	
<p>Pre-Transition Certification Checklist: An application concerning a pre-transition channel must complete questions 1(a)-(c), and 2-5. A correct answer of "Yes" to all of the questions will ensure an expeditious grant of a construction permit application to change pre-transition facilities. However, if the proposed facility is located within the Canadian or Mexican borders, coordination of the proposal under the appropriate treaties may be required prior to grant of the application. An answer of "No" will require additional evaluation of the applicable information in this form before a construction permit can be granted.</p> <p>Post-Transition Expedited Processing. An application concerning a post-transition channel must complete questions 1(a), (d)-(e), and 2-5. A station applying for a construction permit to build its post-transition channel will receive expedited processing if its application (1) does not seek to expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B"); (2) specifies facilities that match or closely approximate those defined in the new DTV Table Appendix B facilities; and (3) is filed within 45 days of the effective date of Section 73.616 of the rules adopted in the Report and Order in the Third DTV Periodic Review proceeding, MB Docket No. 07-91.</p>	
1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:	
(a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622.	<input checked="" type="radio"/> Yes <input type="radio"/> No
(b) It will operate a pre-transition facility from a transmitting antenna located within 5.0 km (3.1 miles) of the DTV reference site for this station as established in 47 C.F.R. Section 73.622.	<input type="radio"/> Yes <input type="radio"/> No
(c) It will operate a pre-transition facility with an effective radiated power (ERP) and antenna height above average terrain (HAAT) that do not exceed the DTV reference ERP and HAAT for this station as established in 47 C.F.R. Section 73.622.	<input type="radio"/> Yes <input type="radio"/> No
(d) It will operate at post-transition facilities that do not expand the noise-limited service contour in any direction beyond that established by Appendix B of the Seventh Report and Order in MB Docket No. 87-268 establishing the new DTV Table of Allotments in 47 C.F.R. § 73.622(i) ("new DTV Table Appendix B").	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A
(e) It will operate at post-transition facilities that match or reduce by no more than five percent with respect to predicted population from those defined in the new DTV Table Appendix B.	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A
2. The proposed facility will not have a significant environmental impact, including exposure of workers or the general public to levels of RF radiation exceeding the applicable health and safety guidelines, and therefore will not come within 47 C.F.R. Section 1.1307. Applicant must submit the Exhibit called for in Item 13.	<input checked="" type="radio"/> Yes <input type="radio"/> No
3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community.	<input checked="" type="radio"/> Yes <input type="radio"/> No
4. The requirements of 47 C.F.R. Section 73.1030 regarding notification to radio astronomy installations, radio receiving installations and FCC monitoring stations have either been satisfied or are not applicable.	<input checked="" type="radio"/> Yes <input type="radio"/> No
5. The antenna structure to be used by this facility has been registered by the Commission and will not require registration to support the proposed antenna, OR the FAA has previously determined that the proposed structure will not adversely effect safety in air navigation and this structure qualifies for later registration under the Commission's phased registration plan, OR the proposed installation on this structure does not require notification to the FAA pursuant to 47 C.F.R. Section 17.7.	<input checked="" type="radio"/> Yes <input type="radio"/> No

SECTION III-D - DTV Engineering	
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: DTV 26 Analog TV, if any 3
2.	Zone: <input checked="" type="radio"/> I <input type="radio"/> II <input type="radio"/> III
3.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 40 Minutes 2 Seconds 33 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 75 Minutes 14 Seconds 33 <input checked="" type="radio"/> West <input type="radio"/> East
4.	Antenna Structure Registration Number: 1035474 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA
5.	Antenna Location Site Elevation Above Mean Sea Level: 74 meters
6.	Overall Tower Height Above Ground Level: 389 meters
7.	Height of Radiation Center Above Ground Level: 366 meters
8.	Height of Radiation Center Above Average Terrain : 375 meters
9.	Maximum Effective Radiated Power (average power): 790 kW
10.	Antenna Specifications: a. Manufacturer DIE Model TFU-30GBH-R O6

b. Electrical Beam Tilt: 0.7 degrees <input type="checkbox"/> Not Applicable	
c. Mechanical Beam Tilt: degrees toward azimuth degrees True <input checked="" type="checkbox"/> Not Applicable	
Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c). [Exhibit 42]	
d. Polarization: <input checked="" type="radio"/> Horizontal <input type="radio"/> Circular <input type="radio"/> Elliptical	
e. Directional Antenna Relative Field Values: <input checked="" type="checkbox"/> Not applicable (Nondirectional)	
[For a composite directional (not off-the-shelf) antenna, press the following button to fill in the relative field values subform.] [Relative Field Values]	
If a directional antenna is proposed, the requirements of 47 C.F.R. Sections 73.625(c) must be satisfied. Exhibit required. [Exhibit 43]	
11.	Does the proposed facility satisfy the pre-transition interference protection provisions of 47 C.F.R. Section 73.623(a) (Applicable only if Certification Checklist Items 1(a), (b), or (c) are answered "No.") and/or the post-transition interference protection provisions of 47 C.F.R. Section 73.616? <input checked="" type="radio"/> Yes <input type="radio"/> No [Exhibit 44] If "No," attach as an Exhibit justification therefor, including a summary of any related previously granted waivers.
12.	If the proposed facility will not satisfy the coverage requirement of 47 C.F.R. Section 73.625, attach as an Exhibit justification therefore. (Applicable only if Certification Checklist item 3 is answered "No.") [Exhibit 45]
13.	Environmental Protection Act. Submit in an Exhibit the following: [Exhibit 46] If Certification Checklist Item 2 is answered "Yes," a brief explanation of why an Environmental Assessment is not required. Also describe in the Exhibit the steps that will be taken to limit RF radiation exposure to the public and to persons authorized access to the tower site. By checking "Yes" to Certification Checklist Item 2, 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. If Certification Checklist Item 2 is answered "No," an Environmental Assessment as required by 47 C.F.R Section 1.1311.
PREPARERS CERTIFICATION ON SECTION III 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 6/19/2008	
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	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).