



ENGINEERING EXHIBIT

"Maximization" Application to Modify Digital Television Station Construction Permit

prepared for

Pittsburgh Television Station WPCW Inc.

WPCW-DT Jeannette, PA

Facility ID 69880

Ch. 11 30 kW 295 m

Pittsburgh Television Station WPCW Inc. ("WPCW") is the licensee of television station WPCW(TV), analog Channel 19, Jeannette, PA. A Construction Permit ("CP", BPCDT-20080523ADL) authorizes construction of the WPCW-DT post-transition digital facility on Channel 11, as established in Appendix B of the Eighth Report and Order in MB Docket 87-278. WPCW herein seeks to modify the CP to expand the WPCW-DT post-transition Channel 11 digital facility. 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

The current CP authorizes operation with an effective radiated power ("ERP") of 2.5 kW at 259 meters antenna height above average terrain ("HAAT"), with a side-mounted directional antenna. As proposed herein, WPCW-DT will change to 30 kW ERP at 295 meters HAAT with a nondirectional antenna.

The proposed digital Channel 11 operation will employ a new nondirectional antenna system to be installed on the KDKA-TV (Facility ID 25454, Pittsburgh, PA) tower. The new Channel 11 antenna will be situated immediately beneath the existing KDKA-DT Channel 25 antenna, in place of the current analog Channel 2 KDKA-TV antenna. KDKA-TV is under common ownership with WPCW and will remain on its current digital Channel 25 for post-transition operation. The existing tower structure corresponds to FCC Antenna Structure Registration ("ASR") number 1025971. No change to the overall structure height is 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.

The proposed WPCW-DT antenna system is a nondirectional Dielectric model THV-9A11/VP-R. Elliptical polarization is proposed (25 percent vertical polarization). The maximum horizontally polarized ERP is 30 kW, and the maximum vertically polarized ERP is 7.5 kW. The vertically polarized component will not exceed the horizontally polarized component at any azimuth.

A map is supplied as **Figure 1**, which depicts the standard predicted coverage contours. This map includes the boundaries of Jeannette, WPCW-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 43 dB μ contour.

The proposed WPCW-DT facility's predicted service population provides a 119.4 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	3,115,782	3,762,561
Not affected by terrain losses	2,964,364	3,543,489
Lost to all interference	3,529	6,964
Net DTV Service	2,960,835	3,536,525
Match of Appendix B	---	119.44%

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.

The nearest FCC monitoring station is 311 km distant at Laurel, MD. This exceeds by a large margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest

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.

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 within the Canadian coordination zone (208 km to the Canada border), thus further international coordination may be necessary beyond that to establish Appendix B parameters.

There are no authorized non-directional AM stations within 0.8 kilometers of the site, based on information contained within the Commission’s database. Two licensed directional AM stations are located within 3.2 km of the site (WBGG 970 kHz, Pittsburgh, PA and WAMO 860 kHz Millvale, PA), and a Construction Permit authorizes directional operation of WLFP, 1550 kHz, Reserve Township, PA. The instant proposal would replace an antenna and transmission line on an existing tower structure which is not base insulated or detuned at an AM frequency, and would not change the overall tower height. In accordance with recent FCC Staff policy (*e.g.*, see BPH-20061220ABW), coordination with the nearby AM stations is therefore not expected to be necessary, and it is requested a condition requiring AM station pattern measurements not be placed on the WPCW-DT modified Construction Permit.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposal will involve replacement of an existing transmitting antenna on an existing tower 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. No 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 assuming 30% antenna relative field in downward elevations, the calculated power density attributable to the proposed facility at locations near the transmitter site at a height of two meters above ground level is $3.4 \mu\text{W/cm}^2$, which is 1.7 percent of the “uncontrolled / general public” maximum permissible 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. When the antenna's actual elevation pattern is considered, the calculated RF exposure level will be even lower.

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 11, 2008

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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 11, 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.

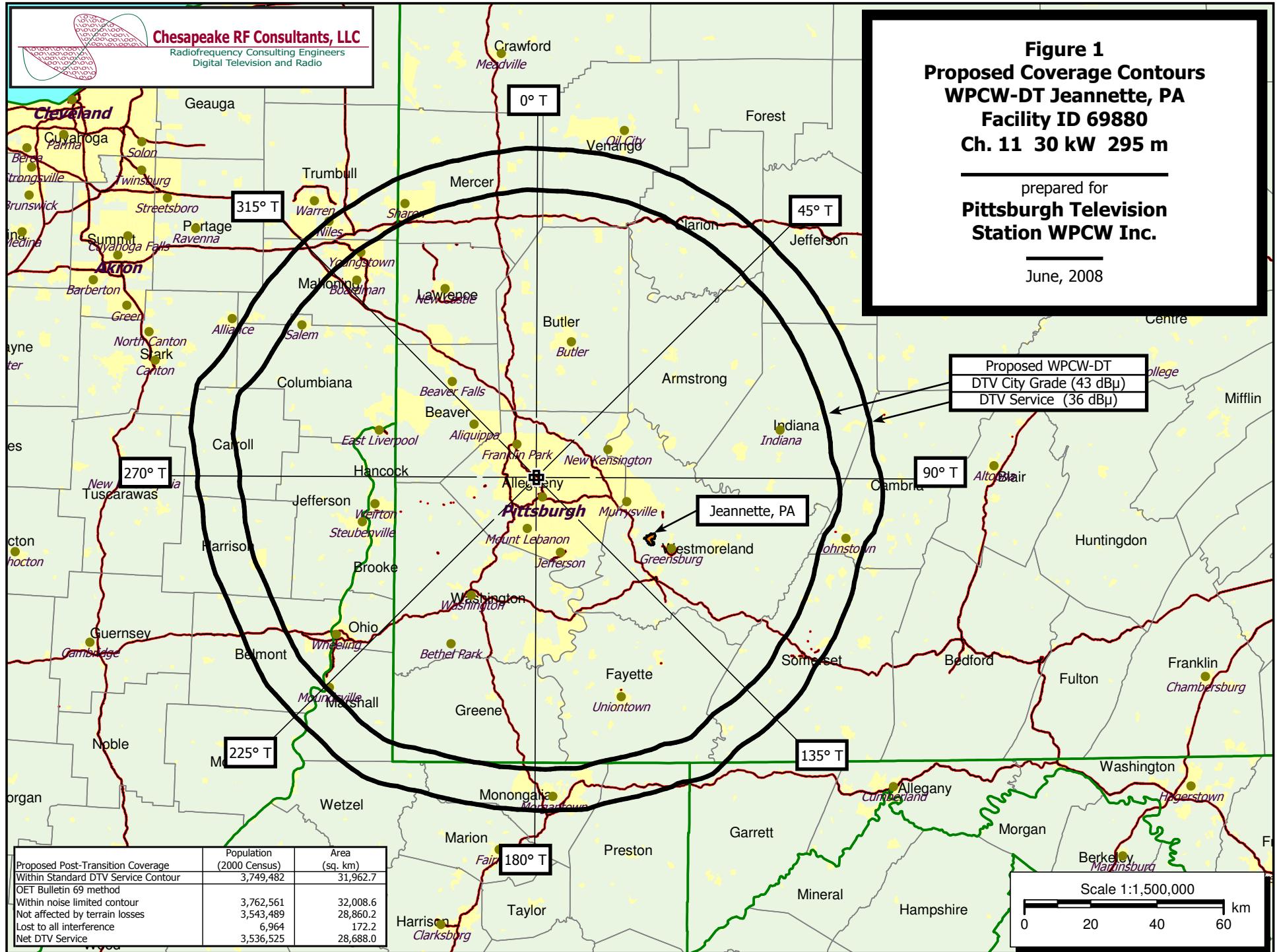


Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 1 of 23)

TW Census data selected 2000
Post Transition Data Base Selected /space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-11-2008 Time: 21:51:58

Record Selected for Analysis

WPCW-DT	USERRECORD-01	JEANNETTE	PA US
Channel 11	ERP 30.	kW HAAT 295. m	RCAMSL 00600 m
Latitude 040-29-38 Longitude 0080-01-09			
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)	36.0 dBu F(50,90) (km)
0.0	30.000	256.1	99.1
45.0	30.000	269.3	99.6
90.0	30.000	336.4	103.8
135.0	30.000	315.6	102.1
180.0	30.000	285.6	100.2
225.0	30.000	314.2	102.0
270.0	30.000	310.7	101.7
315.0	30.000	269.8	99.6

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 208.1km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 1.85km from AM station

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 2 of 23)

PITTSBURGH	PA WWSW	Status: L Antenna: DA2
Proposed station is 3.16km from AM station		
MILLVALLE	PA WAMO	Status: Antenna: DA2
Proposed station is 3.16km from AM station		
RESERVE TOWNSHIP	PA WURP	Status: Antenna: DA2

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
11	WPCW-DT	JEANNETTE PA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WOIO	SHAKER HEIGHTS OH	172.2	LIC	BLCDT -19991110AAR
10	WOIO	SHAKER HEIGHTS OH	172.2	PLN	DTVPLN -DTVP0285
10	WVFX	CLARKSBURG WV	135.5	CP MOD	BMPCDT -20020930AAV
10	WVFX	CLARKSBURG WV	135.5	PLN	DTVPLN -DTVP0300
11	WBAL-TV	BALTIMORE MD	314.7	CP	BPCDT -20080312AAAT
11	WBAL-TV	BALTIMORE MD	314.7	PLN	DTVPLN -DTVP0322
11	WTOL	TOLEDO OH	310.5	APP	BPCDT -20080403ACL
11	WTOL	TOLEDO OH	310.5	PLN	DTVPLN -DTVP0336
11	WBRE-TV	WILKES-BARRE PA	356.9	LIC	BLCDT -20051123AJX
11	WBRE-TV	WILKES-BARRE PA	356.9	PLN	DTVPLN -DTVP0343
11	WVPT	STAUNTON VA	265.9	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	265.9	PLN	DTVPLN -DTVP0354
12	WMFD-TV	MANSFIELD OH	221.2	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	221.2	PLN	DTVPLN -DTVP0398
12	WMFD-TV	MANSFIELD OH	221.2	CP	BPCDT -20040526ABT
12	WICU-TV	ERIE PA	174.5	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	174.6	PLN	DTVPLN -DTVP0401
12	WBOY-TV	CLARKSBURG WV	136.9	PLN	DTVPLN -DTVP0413
12	WBOY-TV	CLARKSBURG WV	136.9	CP MOD	BMPCDT -20080317AEM
12	WWPX	MARTINSBURG WV	202.5	LIC	BLCDT -20021108AAC
12	WWPX	MARTINSBURG WV	202.5	PLN	DTVPLN -DTVP0414

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application Ref. No.
10	WOIO	SHAKER HEIGHTS OH	BLCDT -19991110AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	WTOW-TV	STEUBENVILLE OH	147.1	PLN	DTVPLN -DTVP0214
09	WTOW-TV	STEUBENVILLE OH	147.1	CP	BPCDT -20080403AAG
10	WILX-TV	ONONDAGA MI	265.3	CP	BPCDT -20080403ADB
10	WILX-TV	ONONDAGA MI	265.3	PLN	DTVPLN -DTVP0266
10	WHEC-TV	ROCHESTER NY	390.0	PLN	DTVPLN -DTVP0283
10	WHEC-TV	ROCHESTER NY	390.0	APP	BPCDT -20080425AAZ
10	WCPO-TV	CINCINNATI OH	346.1	LIC	BLCDT -20041230ACA
10	WCPO-TV	CINCINNATI OH	346.1	PLN	DTVPLN -DTVP0284
10	WCPO-TV	CINCINNATI OH	346.1	CP	BPCDT -20080306AAP

Table 1 WPCW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 3 of 23)

10	WHTM-TV	HARRISBURG PA	416.3	LIC	BLCDT	-20040812AAH
10	WHTM-TV	HARRISBURG PA	416.3	PLN	DTVPLN	-DTVP0289
10	WVFX	CLARKSBURG WV	258.7	CP MOD	BMPCTD	-20020930AAV
10	WVFX	CLARKSBURG WV	258.7	PLN	DTVPLN	-DTVP0300
10	WSWP-TV	GRANDVIEW WV	392.7	CP MOD	BMPEDT	-20080214ACT
10	WSWP-TV	GRANDVIEW WV	392.7	PLN	DTVPLN	-DTVP0301
11	WTOL	TOLEDO OH	143.7	APP	BPCDT	-20080403ACL
11	WTOL	TOLEDO OH	143.7	PLN	DTVPLN	-DTVP0336
11	WPCW-DT	JEANNETTE PA	172.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WOIO	SHAKER HEIGHTS OH	DTVPLN -DTVP0285

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	WTOV-TV	STEUBENVILLE OH	147.1	PLN	DTVPLN -DTVP0214
09	WTOV-TV	STEUBENVILLE OH	147.1	CP	BPCDT -20080403AAG
10	WILX-TV	ONONDAGA MI	265.3	CP	BPCDT -20080403ADB
10	WILX-TV	ONONDAGA MI	265.3	PLN	DTVPLN -DTVP0266
10	WHEC-TV	ROCHESTER NY	390.0	PLN	DTVPLN -DTVP0283
10	WHEC-TV	ROCHESTER NY	390.0	APP	BPCDT -20080425AАЗ
10	WCPO-TV	CINCINNATI OH	346.1	LIC	BLCDT -20041230ACA
10	WCPO-TV	CINCINNATI OH	346.1	PLN	DTVPLN -DTVP0284
10	WCPO-TV	CINCINNATI OH	346.1	CP	BPCDT -20080306AAP
10	WHTM-TV	HARRISBURG PA	416.3	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	416.3	PLN	DTVPLN -DTVP0289
10	WVFX	CLARKSBURG WV	258.7	CP MOD	BMPCTD -20020930AAV
10	WVFX	CLARKSBURG WV	258.7	PLN	DTVPLN -DTVP0300
10	WSWP-TV	GRANDVIEW WV	392.7	CP MOD	BMPEDT -20080214ACT
10	WSWP-TV	GRANDVIEW WV	392.7	PLN	DTVPLN -DTVP0301
11	WTOL	TOLEDO OH	143.7	APP	BPCDT -20080403ACL
11	WTOL	TOLEDO OH	143.7	PLN	DTVPLN -DTVP0336
11	WPCW-DT	JEANNETTE PA	172.2	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.
10	WVFX	CLARKSBURG WV	BMPCTD -20020930AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	WTOV-TV	STEUBENVILLE OH	118.2	PLN	DTVPLN -DTVP0214
09	WTOV-TV	STEUBENVILLE OH	118.2	CP	BPCDT -20080403AAG
10	WCPO-TV	CINCINNATI OH	358.3	LIC	BLCDT -20041230ACA
10	WCPO-TV	CINCINNATI OH	358.4	PLN	DTVPLN -DTVP0284
10	WCPO-TV	CINCINNATI OH	358.3	CP	BPCDT -20080306AAP

Table 1 WPCW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 4 of 23)

10	WOIO	SHAKER HEIGHTS OH	258.7	LIC	BLCDT -19991110AAR
10	WOIO	SHAKER HEIGHTS OH	258.7	PLN	DTVPLN -DTVP0285
10	WHTM-TV	HARRISBURG PA	310.9	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	310.9	PLN	DTVPLN -DTVP0289
10	WSWP-TV	GRANDVIEW WV	165.9	CP MOD	BMPEDT -20080214ACT
10	WSWP-TV	GRANDVIEW WV	165.9	PLN	DTVPLN -DTVP0301
11	WPCW	JEANNETTE PA	140.6	PLN	DTVPLN -DTVP0342
11	WVPT	STAUNTON VA	154.6	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	154.6	PLN	DTVPLN -DTVP0354
11	WPCW-DT	JEANNETTE PA	135.5	APP	USERRECORD-01

Total scenarios = 48

Result key: 26

Scenario 26 Affected station 3

Before Analysis

Results for: 10A WV CLARKSBURG			
HAAT	235.0 m, ATV ERP	30.0 kW	BMPCDT 20020930AAV CP
within Noise Limited Contour	731402	25497.8	POPULATION AREA (sq km)
not affected by terrain losses	595303	23053.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	30074	1171.8	
lost to ATV IX only	30074	1171.8	
lost to all IX	30074	1171.8	

Potential Interfering Stations Included in above Scenario 26

9A OH STEUBENVILLE	BPCDT	20080403AAG CP
10A OH CINCINNATI	BLCDT	20041230ACA LIC
10A OH SHAKER HEIGHTS	BLCDT	19991110AAR LIC
10A PA HARRISBURG	BLCDT	20040812AAH LIC
10A WV GRANDVIEW	DTVPLN	DTVPO301 PLN

After Analysis

Results for: 10A WV CLARKSBURG			
HAAT	235.0 m, ATV ERP	30.0 kW	BMPCDT 20020930AAV CP
within Noise Limited Contour	731402	25497.8	POPULATION AREA (sq km)
not affected by terrain losses	595303	23053.5	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	31839	1179.9	
lost to ATV IX only	31839	1179.9	
lost to all IX	31839	1179.9	

Potential Interfering Stations Included in above Scenario 26

9A OH STEUBENVILLE	BPCDT	20080403AAG CP
10A OH CINCINNATI	BLCDT	20041230ACA LIC
10A OH SHAKER HEIGHTS	BLCDT	19991110AAR LIC
10A PA HARRISBURG	BLCDT	20040812AAH LIC
10A WV GRANDVIEW	DTVPLN	DTVPO301 PLN
11A PA JEANNETTE	USERRECORD01	APP

Percent new IX = 0.3123%

Worst case new IX 0.3123% Scenario 26

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Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 5 of 23)

Analysis of Interference to Affected Station 4

Analysis of current record
Channel Call City/State Application Ref. No.
10 WVFX CLARKSBURG WV DTVPLN -DTVPO300

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	WTOV-TV	STEUBENVILLE OH	118.2	PLN	DTVPLN -DTVP0214
09	WTOV-TV	STEUBENVILLE OH	118.2	CP	BPCDT -20080403AAG
10	WCPO-TV	CINCINNATI OH	358.3	LIC	BLCDT -20041230ACA
10	WCPO-TV	CINCINNATI OH	358.4	PLN	DTVPLN -DTVP0284
10	WCPO-TV	CINCINNATI OH	358.3	CP	BPCDT -20080306AAP
10	WOIO	SHAKER HEIGHTS OH	258.7	LIC	BLCDT -19991110AAR
10	WOIO	SHAKER HEIGHTS OH	258.7	PLN	DTVPLN -DTVP0285
10	WHTM-TV	HARRISBURG PA	310.9	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	310.9	PLN	DTVPLN -DTVP0289
10	WSWP-TV	GRANDVIEW WV	165.9	CP MOD	BMPEDT -20080214ACT
10	WSWP-TV	GRANDVIEW WV	165.9	PLN	DTVPLN -DTVP0301
11	WPCW	JEANNETTE PA	140.6	PLN	DTVPLN -DTVP0342
11	WVPT	STAUNTON VA	154.6	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	154.6	PLN	DTVPLN -DTVP0354
11	WPCW-DT	JEANNETTE PA	135.5	APP	USERRECORD-01

Total scenarios = 48

Result key: 74
Scenario 26 Affected station 4
Before Analysis

Results for: 10A WV CLARKSBURG DTVPLN DTVPO300 PLN
HAAT 235.0 m, ATV ERP 30.0 kW
POPULATION AREA (sq km)
within Noise Limited Contour 731402 25497.8
not affected by terrain losses 595303 23053.5
lost to NTSC IX 0 0.0
lost to additional IX by ATV 30074 1171.8
lost to ATV IX only 30074 1171.8
lost to all IX 30074 1171.8

Potential Interfering Stations Included in above Scenario 26

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	112.0	PLN	DTVPLN -DTVP0289
11	WPIX	NEW YORK NY	271.7	PLN	DTVPLN -DTVP0335
11	WPIX	NEW YORK NY	275.8	CP	BPCDT -20080326AFAE
11	WPCW	JEANNETTE PA	234.3	PLN	DTVPLN -DTVP0342
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDT -20051123AJX
11	WBRE-TV	WILKES-BARRE PA	215.7	PLN	DTVPLN -DTVP0343
11	WVPT	STAUNTON VA	264.9	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	264.9	PLN	DTVPLN -DTVP0354
12	WHYY-TV	WILMINGTON DE	144.0	PLN	DTVPLN -DTVP0366
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPEDT -20080208ABY
12	WWBT	RICHMOND VA	216.4	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	216.4	PLN	DTVPLN -DTVP0411
12	WWPX	MARTINSBURG WV	122.2	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	122.2	PLN	DTVPLN -DTVP0414
11	WPCW-DT	JEANNETTE PA	314.7	APP	USERRECORD-01

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 6 of 23)

Potential Interfering Stations Included in above Scenario 26

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
9A	OH STEUBENVILLE	BPCDT	20080403AAG	CP	
10A	OH CINCINNATI	BLCDT	20041230ACA	LIC	
10A	OH SHAKER HEIGHTS	BLCDT	19991110AAR	LIC	
10A	PA HARRISBURG	BLCDT	20040812AAH	LIC	
10A	WV GRANDVIEW	DTVPLN	DTVP0301	PLN	
11A	PA JEANNETTE	USERRECORD01		APP	

Percent new IX = 0.3123%

Worst case new IX 0.3123% Scenario 26

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Analysis of Interference to Affected Station 5

Analysis of current record
Channel Call City/State Application Ref. No.
11 WBAL-TV BALTIMORE MD BPCDT -20080312AAT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	112.0	PLN	DTVPLN -DTVP0289
11	WPIX	NEW YORK NY	271.7	PLN	DTVPLN -DTVP0335
11	WPIX	NEW YORK NY	275.8	CP	BPCDT -20080326AFAE
11	WPCW	JEANNETTE PA	234.3	PLN	DTVPLN -DTVP0342
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDT -20051123AJX
11	WBRE-TV	WILKES-BARRE PA	215.7	PLN	DTVPLN -DTVP0343
11	WVPT	STAUNTON VA	264.9	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	264.9	PLN	DTVPLN -DTVP0354
12	WHYY-TV	WILMINGTON DE	144.0	PLN	DTVPLN -DTVP0366
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPEDT -20080208ABY
12	WWBT	RICHMOND VA	216.4	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	216.4	PLN	DTVPLN -DTVP0411
12	WWPX	MARTINSBURG WV	122.2	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	122.2	PLN	DTVPLN -DTVP0414
11	WPCW-DT	JEANNETTE PA	314.7	APP	USERRECORD-01

Total scenarios = 32

Result key: 97
Scenario 1 Affected station 5
Before Analysis

Results for: 11A MD BALTIMORE BPCDT 20080312AAT CP

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
HAAT	299.0 m, ATV ERP 5.0 kW				
				POPULATION	AREA (sq km)
				within Noise Limited Contour	7449700 24125.2
				not affected by terrain losses	7175012 22901.0
				lost to NTSC IX	0 0.0
				lost to additional IX by ATV	218306 950.3
				lost to ATV IX only	218306 950.3
				lost to all IX	218306 950.3

Potential Interfering Stations Included in above Scenario 1

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 7 of 23)

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BLEDT	20021220ADX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A PA JEANNETTE	DTVPLN	DTVP0342	PLN

After Analysis

Results for: 11A MD BALTIMORE	BPCDT	20080312AAT	CP
HAAT 299.0 m, ATV ERP 5.0 kW			
POPULATION	AREA (sq km)		
within Noise Limited Contour 7449700	24125.2		
not affected by terrain losses 7175012	22901.0		
lost to NTSC IX 0	0.0		
lost to additional IX by ATV 217359	942.3		
lost to ATV IX only 217359	942.3		
lost to all IX 217359	942.3		

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BLEDT	20021220ADX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A PA JEANNETTE	USERRECORD01	APP	

Percent new IX = -0.0136%

Worst case new IX -0.0136% Scenario 1

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WBAL-TV	BALTIMORE MD	DTVPLN -DTVP0322

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WHTM-TV	HARRISBURG PA	112.0	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	112.0	PLN	DTVPLN -DTVP0289
11	WPIX	NEW YORK NY	271.7	PLN	DTVPLN -DTVP0335
11	WPIX	NEW YORK NY	275.8	CP	BPCDT -20080326AFE
11	WPCW	JEANNETTE PA	234.3	PLN	DTVPLN -DTVP0342
11	WBRE-TV	WILKES-BARRE PA	215.7	LIC	BLCDT -20051123AJX
11	WBRE-TV	WILKES-BARRE PA	215.7	PLN	DTVPLN -DTVP0343
11	WVPT	STAUNTON VA	264.9	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	264.9	PLN	DTVPLN -DTVP0354
12	WHYY-TV	WILMINGTON DE	144.0	PLN	DTVPLN -DTVP0366
12	WHYY-TV	WILMINGTON DE	144.0	CP MOD	BMPEDT -20080208ABY
12	WWBT	RICHMOND VA	216.4	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	216.4	PLN	DTVPLN -DTVP0411
12	WWFX	MARTINSBURG WV	122.2	LIC	BLCDT -20021108AAX
12	WWFX	MARTINSBURG WV	122.2	PLN	DTVPLN -DTVP0414
11	WPCW-DT	JEANNETTE PA	314.7	APP	USERRECORD-01

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 8 of 23)

Total scenarios = 32

Result key: 129
Scenario 1 Affected station 6
Before Analysis

Results for: 11A MD BALTIMORE	DTVPLN	DTVP0322	PLN
HAAT 312.0 m, ATV ERP 6.9 kW	POPULATION	AREA (sq km)	
within Noise Limited Contour 7501244	24560.8		
not affected by terrain losses 7233093	23433.0		
lost to NTSC IX 0	0.0		
lost to additional IX by ATV 280788	1051.2		
lost to ATV IX only 280788	1051.2		
lost to all IX 280788	1051.2		

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BLEDT	20021220ADX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A PA JEANNETTE	DTVPLN	DTVP0342	PLN

After Analysis

Results for: 11A MD BALTIMORE	DTVPLN	DTVP0322	PLN
HAAT 312.0 m, ATV ERP 6.9 kW	POPULATION	AREA (sq km)	
within Noise Limited Contour 7501244	24560.8		
not affected by terrain losses 7233093	23433.0		
lost to NTSC IX 0	0.0		
lost to additional IX by ATV 279706	1039.1		
lost to ATV IX only 279706	1039.1		
lost to all IX 279706	1039.1		

Potential Interfering Stations Included in above Scenario 1

10A PA HARRISBURG	BLCDT	20040812AAH	LIC
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
11A VA STAUNTON	BLEDT	20021220ADX	LIC
12A WV MARTINSBURG	BLCDT	20021108AAX	LIC
11A PA JEANNETTE	USERRECORD01	APP	

Percent new IX = -0.0156%

Worst case new IX -0.0156% Scenario 1

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Analysis of Interference to Affected Station 7

Analysis of current record	Channel	Call	City/State	Application Ref. No.
	11	WTOL	TOLEDO OH	BPCDT -20080403ACL

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 9 of 23)

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
10	WILX-TV	ONONDAGA MI	130.4	CP	BPCDT	-20080403ADB
10	WILX-TV	ONONDAGA MI	130.4	PLN	DTVPLN	-DTVP0266
10	WOIO	SHAKER HEIGHTS OH	143.7	LIC	BLCDT	-19991110AAR
10	WOIO	SHAKER HEIGHTS OH	143.7	PLN	DTVPLN	-DTVP0285
11	WLFI-TV	LAFAYETTE IN	306.3	LIC	BLCDT	-20040520AIX
11	WLFI-TV	LAFAYETTE IN	306.3	PLN	DTVPLN	-DTVP0315
11	WHAS-TV	LOUISVILLE KY	424.2	PLN	DTVPLN	-DTVP0318
11	WHAS-TV	LOUISVILLE KY	424.2	CP	BPCDT	-20080314AAD
11	WBKB-TV	ALPENA MI	337.0	PLN	DTVPLN	-DTVP0323
11	WGUV-TV	GRAND RAPIDS MI	251.4	LIC	BLEDT	-20060703ABP
11	WGUV-TV	GRAND RAPIDS MI	251.4	PLN	DTVPLN	-DTVP0324
11	WPCW	JEANNETTE PA	391.0	PLN	DTVPLN	-DTVP0342
12	WINM	ANGOLA IN	120.8	LIC	BLCDT	-20021025AAN
12	WINM	ANGOLA IN	120.8	PLN	DTVPLN	-DTVP0376
12	WJRT-TV	FLINT MI	181.8	PLN	DTVPLN	-DTVP0380
12	WJRT-TV	FLINT MI	181.9	APP	BPCDT	-20080610AAJ
12	WMFD-TV	MANSFIELD OH	119.4	LIC	BLCDT	-20021015ABV
12	WMFD-TV	MANSFIELD OH	119.4	PLN	DTVPLN	-DTVP0398
12	WMFD-TV	MANSFIELD OH	119.4	CP	BPCDT	-20040526ABT
11	WPCW-DT	JEANNETTE PA	310.5	APP	USERRECORD-01	

Total scenarios = 48

Result key: 162

Scenario 2 Affected station 7

Before Analysis

Results for: 11A OH TOLEDO BPCDT 20080403ACL APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2545266	25336.4
not affected by terrain losses	2544306	25328.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18724	382.8
lost to ATV IX only	18724	382.8
lost to all IX	18724	382.8

Potential Interfering Stations Included in above Scenario 2

10A MI ONONDAGA BPCDT 20080403ADB CP

11A IN LAFAYETTE BLCDT 20040520AIX LIC

11A MI ALPENA DTVPLN DTVP0323 PLN

11A MI GRAND RAPIDS BLEDT 20060703ABP LIC

12A IN ANGOLA BLCDT 20021025AAN LIC

12A OH MANSFIELD DTVPLN DTVP0398 PLN

After Analysis

Results for: 11A OH TOLEDO BPCDT 20080403ACL APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	2545266	25336.4
not affected by terrain losses	2544306	25328.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	19767	394.9
lost to ATV IX only	19767	394.9
lost to all IX	19767	394.9

Potential Interfering Stations Included in above Scenario 2

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 10 of 23)

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
10A	MI ONONDAGA		130.4	CP	BPCDT	20080403ADB
11A	IN LAFAYETTE		130.4	PLN	BLCDT	20040520AIX
11A	MI ALPENA		337.0	PLN	DTVPLN	-DTVP0323
11A	MI GRAND RAPIDS		251.4	LIC	BLEDT	20060703ABP
12A	IN ANGOLA		120.8	LIC	BLCDT	20021025AAN
12A	OH MANSFIELD		119.4	PLN	DTVPLN	-DTVP0398
11A	PA JEANNETTE		391.0	PLN	USERRECORD-01	APP

Percent new IX = 0.0413%

Worst case new IX 0.0413% Scenario 2

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WTOL	TOLEDO OH	DTVPLN -DTVP0336

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WILX-TV	ONONDAGA MI	130.4	CP	BPCDT -20080403ADB
10	WILX-TV	ONONDAGA MI	130.4	PLN	DTVPLN -DTVP0266
10	WOIO	SHAKER HEIGHTS OH	143.7	LIC	BLCDT -19991110AAR
10	WOIO	SHAKER HEIGHTS OH	143.7	PLN	DTVPLN -DTVP0285
11	WLFI-TV	LAFAYETTE IN	306.3	LIC	BLCDT -20040520AIX
11	WLFI-TV	LAFAYETTE IN	306.3	PLN	DTVPLN -DTVP0315
11	WHAS-TV	LOUISVILLE KY	424.2	PLN	DTVPLN -DTVP0318
11	WBKB-TV	ALPENA MI	337.0	PLN	DTVPLN -DTVP0323
11	WGUV-TV	GRAND RAPIDS MI	251.4	LIC	BLEDT -20060703ABP
11	WGUV-TV	GRAND RAPIDS MI	251.4	PLN	DTVPLN -DTVP0324
11	WPCW	JEANNETTE PA	391.0	PLN	DTVPLN -DTVP0342
12	WINM	ANGOLA IN	120.8	LIC	BLCDT -20021025AAN
12	WINM	ANGOLA IN	120.8	PLN	DTVPLN -DTVP0376
12	WJRT-TV	FLINT MI	181.8	PLN	DTVPLN -DTVP0380
12	WJRT-TV	FLINT MI	181.9	APP	BPCDT -20080610AAJ
12	WMFD-TV	MANSFIELD OH	119.4	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	119.4	PLN	DTVPLN -DTVP0398
12	WMFD-TV	MANSFIELD OH	119.4	CP	BPCDT -20040526ABT
11	WPCW-DT	JEANNETTE PA	310.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Channel	Call	City/State	Application Ref. No.
11	WBRE-TV	WILKES-BARRE PA	BLCDT -20051123AJX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WHTM-TV	HARRISBURG PA	132.3	LIC	BLCDT -20040812AAH

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 11 of 23)

10	WHTM-TV	HARRISBURG PA	132.3	PLN	DTVPLN	-DTVP0289
11	WWLP	SPRINGFIELD MA	281.8	LIC	BLCDT	-20060619AAS
11	WWLP	SPRINGFIELD MA	281.8	PLN	DTVPLN	-DTVP0321
11	WBAL-TV	BALTIMORE MD	215.7	CP	BPCDT	-20080312AAT
11	WBAL-TV	BALTIMORE MD	215.7	PLN	DTVPLN	-DTVP0322
11	WPIX	NEW YORK NY	164.7	PLN	DTVPLN	-DTVP0335
11	WPIX	NEW YORK NY	165.6	CP	BPCDT	-20080326AFA
11	WPCW	JEANNETTE PA	298.7	PLN	DTVPLN	-DTVP0342
12	WHYY-TV	WILMINGTON DE	137.6	PLN	DTVPLN	-DTVP0366
12	WHYY-TV	WILMINGTON DE	137.7	CP MOD	BMPEDT	-20080208ABY
12	WNYT	ALBANY NY	222.4	LIC	BLCDT	-20031022ABL
12	WNYT	ALBANY NY	222.4	PLN	DTVPLN	-DTVP0396
11	WPCW-DT	JEANNETTE PA	356.9	APP	USERRECORD-01	

Total scenarios = 32

Result key: 225

Scenario 17 Affected station 9

Before Analysis

Results for: 11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
HAAT 471.0 m, ATV ERP 30.0 kW			
POPULATION	AREA (sq km)		
within Noise Limited Contour 3340487	40815.2		
not affected by terrain losses 2664079	34128.8		
lost to NTSC IX 0	0.0		
lost to additional IX by ATV 139564	1502.3		
lost to ATV IX only 139564	1502.3		
lost to all IX 139564	1502.3		

Potential Interfering Stations Included in above Scenario 17

10A PA HARRISBURG	DTVPLN	DTVP0289	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
11A MD BALTIMORE	BPCDT	20080312AAT	CP
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
12A DE WILMINGTON	DTVPLN	DTVP0366	PLN
11A PA JEANNETTE	DTVPLN	DTVP0342	PLN

After Analysis

Results for: 11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
HAAT 471.0 m, ATV ERP 30.0 kW			
POPULATION	AREA (sq km)		
within Noise Limited Contour 3340487	40815.2		
not affected by terrain losses 2664079	34128.8		
lost to NTSC IX 0	0.0		
lost to additional IX by ATV 139742	1510.3		
lost to ATV IX only 139742	1510.3		
lost to all IX 139742	1510.3		

Potential Interfering Stations Included in above Scenario 17

10A PA HARRISBURG	DTVPLN	DTVP0289	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
11A MD BALTIMORE	BPCDT	20080312AAT	CP
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
12A DE WILMINGTON	DTVPLN	DTVP0366	PLN
11A PA JEANNETTE	USERRECORD01	APP	

Percent new IX = 0.0071%

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 12 of 23)

Worst case new IX 0.0071% Scenario 17

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WBRE-TV	WILKES-BARRE PA	DTVPLN -DTVP0343

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WHTM-TV	HARRISBURG PA	132.3	LIC	BLCDT -20040812AAH
10	WHTM-TV	HARRISBURG PA	132.3	PLN	DTVPLN -DTVP0289
11	WWLP	SPRINGFIELD MA	281.8	LIC	BLCDT -20060619AAS
11	WWLP	SPRINGFIELD MA	281.8	PLN	DTVPLN -DTVP0321
11	WBAL-TV	BALTIMORE MD	215.7	CP	BPCDT -20080312AAT
11	WBAL-TV	BALTIMORE MD	215.7	PLN	DTVPLN -DTVP0322
11	WPIX	NEW YORK NY	164.7	PLN	DTVPLN -DTVP0335
11	WPIX	NEW YORK NY	165.6	CP	BPCDT -20080326AFA
11	WPCW	JEANNETTE PA	298.7	PLN	DTVPLN -DTVP0342
12	WHYY-TV	WILMINGTON DE	137.6	PLN	DTVPLN -DTVP0366
12	WHYY-TV	WILMINGTON DE	137.7	CP MOD	BMPEDT -20080208ABY
12	WNYT	ALBANY NY	222.4	LIC	BLCDT -20031022ABL
12	WNYT	ALBANY NY	222.4	PLN	DTVPLN -DTVP0396
11	WPCW-DT	JEANNETTE PA	356.9	APP	USERRECORD-01

Total scenarios = 32

Result key: 257

Scenario 17 Affected station 10

Before Analysis

Results for: 11A PA WILKES-BARRE	DTVPLN	DTVP0343	PLN
HAAT 471.0 m, ATV ERP 30.0 kW			
POPULATION	AREA (sq km)		
within Noise Limited Contour 3340487	40815.2		
not affected by terrain losses 2664079	34128.8		
lost to NTSC IX 0	0.0		
lost to additional IX by ATV 139564	1502.3		
lost to ATV IX only 139564	1502.3		
lost to all IX 139564	1502.3		

Potential Interfering Stations Included in above Scenario 17

10A PA HARRISBURG	DTVPLN	DTVP0289	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
11A MD BALTIMORE	BPCDT	20080312AAT	CP
11A NY NEW YORK	DTVPLN	DTVP0335	PLN
12A DE WILMINGTON	DTVPLN	DTVP0366	PLN
11A PA JEANNETTE	DTVPLN	DTVP0342	PLN

After Analysis

Results for: 11A PA WILKES-BARRE	DTVPLN	DTVP0343	PLN
HAAT 471.0 m, ATV ERP 30.0 kW			
POPULATION	AREA (sq km)		
within Noise Limited Contour 3340487	40815.2		
not affected by terrain losses 2664079	34128.8		

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 13 of 23)

lost to NTSC IX	0	0.0				
lost to additional IX by ATV	139742	1510.3				
lost to ATV IX only	139742	1510.3				
lost to all IX	139742	1510.3				
Potential Interfering Stations Included in above Scenario 17						
10A PA HARRISBURG	DTVPLN	DTVPO289	PLN			
11A MA SPRINGFIELD	BLCDT	2006019AAS	LIC			
11A MD BALTIMORE	BPCDT	20080312AAT	CP			
11A NY NEW YORK	DTVPLN	DTVPO335	PLN			
12A DE WILMINGTON	DTVPLN	DTVPO366	PLN			
11A PA JEANNETTE	USERRECORD01		APP			
Percent new IX =	0.0071%					
Worst case new IX	0.0071% Scenario 17					
# # # # #						
Analysis of Interference to Affected Station 11						
Analysis of current record						
Channel	Call	City/State	Application Ref. No.			
11	WVPT	STAUNTON VA	BLEDT -20021220ADX			
Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
10	WVFX	CLARKSBURG WV	154.6	CP MOD	BMPCT	-20020930AAV
10	WVFX	CLARKSBURG WV	154.6	PLN	DTVPLN	-DTVPO300
10	WSWP-TV	GRANDVIEW WV	149.7	CP MOD	BMPEDT	-20080214ACT
10	WSWP-TV	GRANDVIEW WV	149.7	PLN	DTVPLN	-DTVPO301
11	WBAL-TV	BALTIMORE MD	264.9	CP	BPCDT	-20080312AAT
11	WBAL-TV	BALTIMORE MD	264.9	PLN	DTVPLN	-DTVPO322
11	WTVI	CHARLOTTE NC	342.7	LIC	BMLEDT	-20030428AAT
11	WTVI	CHARLOTTE NC	342.7	PLN	DTVPLN	-DTVPO330
11	WTVD	DURHAM NC	286.1	PLN	DTVPLN	-DTVPO331
11	WTVD	DURHAM NC	286.1	CP	BPCDT	-20080317AIJ
11	WPCW	JEANNETTE PA	224.4	PLN	DTVPLN	-DTVPO342
11	WJHL-TV	JOHNSON CITY TN	315.3	CP	BPCDT	-20080410AAV
11	WJHL-TV	JOHNSON CITY TN	315.3	PLN	DTVPLN	-DTVPO347
12	WWBT	RICHMOND VA	175.0	CP	BPCDT	-20080317AGM
12	WWBT	RICHMOND VA	175.0	PLN	DTVPLN	-DTVPO411
12	WBOY-TV	CLARKSBURG WV	152.5	PLN	DTVPLN	-DTVPO413
12	WBOY-TV	CLARKSBURG WV	152.5	CP MOD	BMPCT	-20080317AEM
12	WWPX	MARTINSBURG WV	179.9	LIC	BLCDT	-20021108AAX
12	WWPX	MARTINSBURG WV	179.9	PLN	DTVPLN	-DTVPO414
11	WPCW-DT	JEANNETTE PA	265.9	APP	USERRECORD-01	
Total scenarios = 16						
Result key: 283						
Scenario	11	Affected station	11			
Before Analysis						
Results for: 11A VA STAUNTON						
HAAT 680.0 m, ATV ERP 3.2 kW						
POPULATION	AREA (sq km)					
within Noise Limited Contour	741622	27354.5				

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 14 of 23)

not affected by terrain losses	585293	20699.9				
lost to NTSC IX	0	0.0				
lost to additional IX by ATV	32568	1104.4				
lost to ATV IX only	32568	1104.4				
lost to all IX	32568	1104.4				
Potential Interfering Stations Included in above Scenario 11						
11A MD BALTIMORE	DTVPLN	DTVPO322	PLN			
11A NC CHARLOTTE	BMLEDT	20030428AAT	LIC			
11A NC DURHAM	BPCDT	20080317AIJ	CP			
11A TN JOHNSON CITY	BPCDT	20080410AAV	CP			
11A PA JEANNETTE	DTVPLN	DTVPO342	PLN			
After Analysis						
Results for: 11A VA STAUNTON						
HAAT 680.0 m, ATV ERP 3.2 kW	BLEDT	20021220ADX	LIC			
POPULATION	AREA (sq km)					
within Noise Limited Contour	741622	27354.5				
not affected by terrain losses	585293	20699.9				
lost to NTSC IX	0	0.0				
lost to additional IX by ATV	32393	1100.4				
lost to ATV IX only	32393	1100.4				
lost to all IX	32393	1100.4				
Potential Interfering Stations Included in above Scenario 11						
11A MD BALTIMORE	DTVPLN	DTVPO322	PLN			
11A NC CHARLOTTE	BMLEDT	20030428AAT	LIC			
11A NC DURHAM	BPCDT	20080317AIJ	CP			
11A TN JOHNSON CITY	BPCDT	20080410AAV	CP			
11A PA JEANNETTE	USERRECORD01		APP			
Percent new IX = -0.0317%						
Worst case new IX -0.0317% Scenario 11						
# # # # #						
Analysis of Interference to Affected Station 12						
Analysis of current record						
Channel	Call	City/State	Application Ref. No.			
11	WVPT	STAUNTON VA	DTVPLN -DTVPO354			
Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
10	WVFX	CLARKSBURG WV	154.6	CP MOD	BMPCT	-20020930AAV
10	WVFX	CLARKSBURG WV	154.6	PLN	DTVPLN	-DTVPO300
10	WSWP-TV	GRANDVIEW WV	149.7	CP MOD	BMPEDT	-20080214ACT
10	WSWP-TV	GRANDVIEW WV	149.7	PLN	DTVPLN	-DTVPO301
11	WBAL-TV	BALTIMORE MD	264.9	CP	BPCDT	-20080312AAT
11	WBAL-TV	BALTIMORE MD	264.9	PLN	DTVPLN	-DTVPO322
11	WTVI	CHARLOTTE NC	342.7	LIC	BMLEDT	-20030428AAT
11	WTVI	CHARLOTTE NC	342.7	PLN	DTVPLN	-DTVPO330
11	WTVD	DURHAM NC	286.1	PLN	DTVPLN	-DTVPO331
11	WTVD	DURHAM NC	286.1	CP	BPCDT	-20080317AIJ
11	WPCW	JEANNETTE PA	224.4	PLN	DTVPLN	-DTVPO342

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 15 of 23)

(worst-case scenarios shown page 15 of 23)

11	WJHL-TV	JOHNSON CITY TN	315.3	CP	BPCDT	-20080410AAV
11	WJHL-TV	JOHNSON CITY TN	315.3	PLN	DTVPLN	-DTVPO347
12	WWBT	RICHMOND VA	175.0	CP	BPCDT	-20080317AGM
12	WWBT	RICHMOND VA	175.0	PLN	DTVPLN	-DTVPO411
12	WBQY-TV	CLARKSBURG WV	152.5	PLN	DTVPLN	-DTVPO413
12	WBQY-TV	CLARKSBURG WV	152.5	CP MOD	BPCDT	-20080317AEM
12	WWPX	MARTINSBURG WV	179.9	LIC	BLCDT	-20021108AAX
12	WWPX	MARTINSBURG WV	179.9	PLN	DTVPLN	-DTVPO414
11	WPWC-DT	JEANNETTE PA	265.9	APP	USERRECORD-01	

Total scenarios = 16

Result key: 299
Scenario 11 Affected station 12
Before Analysis

Results for: 11A VA STAUNTON DTVPLN DTVP0354 PLN

RESULTS FOR: TIA VA STAUNTON
HAAT 680.0 m, ATR ERP 3.2 L

HAAT 680.0

	Portions	Total (sq km)
within Noise Limited Contour	741622	27354.5
not affected by terrain losses	585293	20699.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32568	1104.4
lost to ATV IX only	32568	1104.4
lost to all IX	32568	1104.4

Potential Interfering Stations Included in above Scenario 11

11A MD BALTIMORE	DTVPNLN	DTVP0322	PLN
11A NC CHARLOTTE	BMLDELT	20030428AAT	LIC
11A NC DURHAM	BPCDT	20080317AIJ	CP
11A TN JOHNSON CITY	BPCDT	20080410AAV	CP
11A PA JEANNETTE	DTVPNLN	DTVP0342	PLN

After Analysis

Results for: 11A VA STAUNTON DTVPLN DTVPO354 PLN

HAAT 680.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	741622	27354.5
not affected by terrain losses	585293	20699.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	32393	1100.4
lost to ATV IX only	32393	1100.4
lost to all IX	32393	1100.4

Potential Interfering Stations Included in above Scenario 11

11A MD BALTIMORE	DTVPLN	DTVP0322	PLN
11A NC CHARLOTTE	BMLEDT	20030428AAT	LIC
11A NC DURHAM	BPCDT	20080317AIJ	CP
11A TN JOHNSON CITY	BPCDT	20080410AAV	CP
11A PA JEANNETTE	USERRECORD01		APP

Percent new TX = -0.0317%

Worst case new IX -0.0317% Scenario 11

Analysis of Interference to Affected Station 13

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 16 of 23)

(worst-case scenarios shown page 16 of 23)

Analysis of current record
Channel Call City/State Application Ref. No.
12 WMFD-TV MANSFIELD OH BLCDT -20021015ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WTOL	TOLEDO OH	119.4	APP	BPCDT	-20080403ACL
11	WTOL	TOLEDO OH	119.4	PLN	DTVPLN	-DTVPO336
12	WINM	ANGOLA IN	198.4	LIC	BLCDT	-20021025AAN
12	WINM	ANGOLA IN	198.4	PLN	DTVPLN	-DTVPO376
12	WYMT-TV	HAZARD KY	399.8	LIC	BLCDT	-20040109ACY
12	WYMT-TV	HAZARD KY	399.8	PLN	DTVPLN	-DTVPO379
12	WJRT-TV	FLINT MI	298.9	PLN	DTVPLN	-DTVPO380
12	WJRT-TV	FLINT MI	298.9	APP	BPCDT	-20080610AAJ
12	WKRC-TV	CINCINNATI OH	243.5	PLN	DTVPLN	-DTVPO397
12	WKRC-TV	CINCINNATI OH	243.5	CP	BPCDT	-20080304ABV
12	WICU-TV	ERIE PA	261.3	APP	BPCDT	-20080317AEJ
12	WICU-TV	ERIE PA	261.4	PLN	DTVPLN	-DTVPO401
12	WBQY-TV	CLARKSBURG WV	254.8	PLN	DTVPLN	-DTVPO413
12	WBQY-TV	CLARKSBURG WV	254.8	CP MOD	BMPDCDT	-20080317AEM
12	WWPX	MARTINSBURG WV	413.3	LIC	BLCDT	-20021108AAX
12	WWPX	MARTINSBURG WV	413.3	PLN	DTVPLN	-DTVPO414
13	WSYX	COLUMBUS OH	98.0	LIC	BLCDT	-20030801AXM
13	WSYX	COLUMBUS OH	98.0	PLN	DTVPLN	-DTVPO461
13	WTVG	TOLEDO OH	121.9	PLN	DTVPLN	-DTVPO462
13	WTVG	TOLEDO OH	121.9	CP	BPCDT	-20080317AIO
13	WQED	PITTSBURGH PA	226.7	PLN	DTVPLN	-DTVPO467
13	WQED	PITTSBURGH PA	226.7	APP	BPEDT	-20080208ABV
11	WPCW-DT	JEANNETTE PA	221.2	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

Analysis of Interference to Affected Station 14

Analysis of current record
Channel Call City/State Application Ref. No.
12 WMPD-TV MANSFIELD OH DTVPNL -DTVP0398

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WTOL	TOLEDO OH	119.4	APP	BPCDT -20080403ACL
11	WTOL	TOLEDO OH	119.4	PLN	DTVPLN -DTVP0336
12	WINM	ANGOLA IN	198.4	LIC	BLCDT -20021025AAN
12	WINM	ANGOLA IN	198.4	PLN	DTVPLN -DTVP0376
12	WYMT-TV	HAZARD KY	399.8	LIC	BLCDT -20040109ACY
12	WYMT-TV	HAZARD KY	399.8	PLN	DTVPLN -DTVP0379
12	WJRT-TV	FLINT MI	298.9	PLN	DTVPLN -DTVP0380
12	WJRT-TV	FLINT MI	298.9	APP	BPCDT -20080610AAJ
12	WKRC-TV	CINCINNATI OH	243.5	PLN	DTVPLN -DTVP0397
12	WKRC-TV	CINCINNATI OH	243.5	CP	BPCDT -20080304ABV
12	WICU-TV	ERIE PA	261.3	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	261.4	PLN	DTVPLN -DTVP0401
12	WBQY-TV	CLARKSBURG WV	254.8	PLN	DTVPLN -DTVP0413

Table 1 WPCW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 17 of 23)

12	WBOY-TV	CLARKSBURG WV	254.8	CP MOD	BMPCTD	-20080317AEM
12	WWPX	MARTINSBURG WV	413.3	LIC	BLCDT	-20021108AAX
12	WWPX	MARTINSBURG WV	413.3	PLN	DTVPLN	-DTVP0414
13	WSYX	COLUMBUS OH	98.0	LIC	BLCDT	-20030801AXM
13	WSYX	COLUMBUS OH	98.0	PLN	DTVPLN	-DTVP0461
13	WTVG	TOLEDO OH	121.9	PLN	DTVPLN	-DTVP0462
13	WTVG	TOLEDO OH	121.9	CP	BPCDT	-20080317AIO
13	WQED	PITTSBURGH PA	226.7	PLN	DTVPLN	-DTVP0467
13	WQED	PITTSBURGH PA	226.7	APP	BPEDT	-20080208ABV
11	WPCW-DT	JEANNETTE PA	221.2	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.		
12	WMFD-TV	MANSFIELD OH	BPCDT	-20040526ABT	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WTOL	TOLEDO OH	119.4	APP	BPCDT -20080403ACL
11	WTOL	TOLEDO OH	119.4	PLN	DTVPLN -DTVP0336
12	WINM	ANGOLA IN	198.4	LIC	BLCDT -20021025AAN
12	WINM	ANGOLA IN	198.4	PLN	DTVPLN -DTVP0376
12	WYMT-TV	HAZARD KY	399.8	LIC	BLCDT -20040109ACY
12	WYMT-TV	HAZARD KY	399.8	PLN	DTVPLN -DTVP0379
12	WJRT-TV	FLINT MI	298.9	PLN	DTVPLN -DTVP0380
12	WJRT-TV	FLINT MI	298.9	APP	BPCDT -20080610AAJ
12	WKRC-TV	CINCINNATI OH	243.5	PLN	DTVPLN -DTVP0397
12	WKRC-TV	CINCINNATI OH	243.5	CP	BPCDT -20080304ABV
12	WICU-TV	ERIE PA	261.3	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	261.4	PLN	DTVPLN -DTVP0401
12	WBQY-TV	CLARKSBURG WV	254.8	PLN	DTVPLN -DTVP0413
12	WBQY-TV	CLARKSBURG WV	254.8	CP MOD	BMPCTD -20080317AEM
12	WWPX	MARTINSBURG WV	413.3	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	413.3	PLN	DTVPLN -DTVP0414
13	WSYX	COLUMBUS OH	98.0	LIC	BLCDT -20030801AXM
13	WSYX	COLUMBUS OH	98.0	PLN	DTVPLN -DTVP0461
13	WTVG	TOLEDO OH	121.9	PLN	DTVPLN -DTVP0462
13	WTVG	TOLEDO OH	121.9	CP	BPCDT -20080317AIO
13	WQED	PITTSBURGH PA	226.7	PLN	DTVPLN -DTVP0467
13	WQED	PITTSBURGH PA	226.7	APP	BPEDT -20080208ABV
11	WPCW-DT	JEANNETTE PA	221.2	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Channel	Call	City/State	Application Ref. No.		

Analysis of current record

Table 1 WPCW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 18 of 23)

12	WICU-TV	ERIE PA	BPCDT	-20080317AEJ
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Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WPCW	JEANNETTE PA	220.9	PLN	DTVPLN -DTVP0342
12	WINM	ANGOLA IN	403.4	LIC	BLCDT -20021025AAN
12	WINM	ANGOLA IN	403.4	PLN	DTVPLN -DTVP0376
12	WJRT-TV	FLINT MI	355.8	PLN	DTVPLN -DTVP0380
12	WJRT-TV	FLINT MI	355.8	APP	BPCDT -20080610AAJ
12	WMFD-TV	MANSFIELD OH	261.3	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	261.3	PLN	DTVPLN -DTVP0398
12	WMFD-TV	MANSFIELD OH	261.3	CP	BPCDT -20040526ABT
12	WBQY-TV	CLARKSBURG WV	310.1	PLN	DTVPLN -DTVP0413
12	WBQY-TV	CLARKSBURG WV	310.1	CP MOD	BMPCTD -20080317AEM
12	WWPX	MARTINSBURG WV	332.6	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	332.6	PLN	DTVPLN -DTVP0414
13	WQED	PITTSBURGH PA	179.8	PLN	DTVPLN -DTVP0467
13	WQED	PITTSBURGH PA	179.8	APP	BPEDT -20080208ABV
11	WPCW-DT	JEANNETTE PA	174.5	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
12	WICU-TV	ERIE PA	DTVPLN	-DTVP0401

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WPCW	JEANNETTE PA	220.9	PLN	DTVPLN -DTVP0342
12	WINM	ANGOLA IN	403.5	LIC	BLCDT -20021025AAN
12	WINM	ANGOLA IN	403.5	PLN	DTVPLN -DTVP0376
12	WJRT-TV	FLINT MI	355.8	PLN	DTVPLN -DTVP0380
12	WJRT-TV	FLINT MI	355.8	APP	BPCDT -20080610AAJ
12	WMFD-TV	MANSFIELD OH	261.4	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	261.4	PLN	DTVPLN -DTVP0398
12	WMFD-TV	MANSFIELD OH	261.4	CP	BPCDT -20040526ABT
12	WBQY-TV	CLARKSBURG WV	310.1	PLN	DTVPLN -DTVP0413
12	WBQY-TV	CLARKSBURG WV	310.1	CP MOD	BMPCTD -20080317AEM
12	WWPX	MARTINSBURG WV	332.6	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	332.6	PLN	DTVPLN -DTVP0414
13	WQED	PITTSBURGH PA	179.9	PLN	DTVPLN -DTVP0467
13	WQED	PITTSBURGH PA	179.9	APP	BPEDT -20080208ABV
11	WPCW-DT	JEANNETTE PA	174.6	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.	
12	WBQY-TV	CLARKSBURG WV	DTVPLN	-DTVP0413

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 19 of 23)

Stations Potentially Affecting This Station						
Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
11	WPCW	JEANNETTE PA	140.9	PLN	DTVPLN	-DTVP0342
11	WVPT	STAUNTON VA	152.5	LIC	BLEDT	-20021220ADX
11	WVPT	STAUNTON VA	152.5	PLN	DTVPLN	-DTVP0354
12	WYMT-TV	HAZARD KY	340.6	LIC	BLCDT	-20040109ACY
12	WYMT-TV	HAZARD KY	340.6	PLN	DTVPLN	-DTVP0379
12	WKRC-TV	CINCINNATI OH	359.8	PLN	DTVPLN	-DTVP0397
12	WKRC-TV	CINCINNATI OH	359.9	CP	BPCDT	-20080304ABV
12	WMFD-TV	MANSFIELD OH	254.8	LIC	BLCDT	-20021015ABV
12	WMFD-TV	MANSFIELD OH	254.8	PLN	DTVPLN	-DTVP0398
12	WMFD-TV	MANSFIELD OH	254.8	CP	BPCDT	-20040526ABT
12	WICU-TV	ERIE PA	310.1	APP	BPCDT	-20080317AEJ
12	WICU-TV	ERIE PA	310.1	PLN	DTVPLN	-DTVP0401
12	WWBT	RICHMOND VA	315.7	CP	BPCDT	-20080317AGM
12	WWBT	RICHMOND VA	315.7	PLN	DTVPLN	-DTVP0411
12	WWPX	MARTINSBURG WV	195.6	LIC	BLCDT	-20021108AAX
12	WWPX	MARTINSBURG WV	195.6	PLN	DTVPLN	-DTVP0414
13	WQED	PITTSBURGH PA	132.8	PLN	DTVPLN	-DTVP0467
13	WQED	PITTSBURGH PA	132.8	APP	BPEDT	-20080208ABV
13	WSET-TV	LYNCHBURG VA	227.2	PLN	DTVPLN	-DTVP0485
13	WOWK-TV	HUNTINGTON WV	184.2	PLN	DTVPLN	-DTVP0490
13	WOWK-TV	HUNTINGTON WV	184.2	CP MOD	BMPCDT	-20080317AGA
11	WPCW-DT	JEANNETTE PA	136.9	APP	USERRECORD-01	

Total scenarios = 48

Result key: 318

Scenario 14 Affected station 18

Before Analysis

Results for: 12A WV CLARKSBURG DTVPLN DTVP0413 PLN

HAAT 262.0 m, ATV ERP 11.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	684820	25925.8
not affected by terrain losses	597038	23271.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6905	318.2
lost to ATV IX only	6905	318.2
lost to all IX	6905	318.2

Potential Interfering Stations Included in above Scenario 14

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WPCW	JEANNETTE PA	140.9	PLN	DTVPLN -DTVP0342
11	WVPT	STAUNTON VA	152.5	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	152.5	PLN	DTVPLN -DTVP0354
12	WYMT-TV	HAZARD KY	340.6	LIC	BLCDT -20040109ACY
12	WYMT-TV	HAZARD KY	340.6	PLN	DTVPLN -DTVP0379
12	WKRC-TV	CINCINNATI OH	359.8	PLN	DTVPLN -DTVP0397
12	WKRC-TV	CINCINNATI OH	359.9	CP	BPCDT -20080304ABV
12	WMFD-TV	MANSFIELD OH	254.8	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	254.8	PLN	DTVPLN -DTVP0398
12	WMFD-TV	MANSFIELD OH	254.8	CP	BPCDT -20040526ABT
12	WICU-TV	ERIE PA	310.1	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	310.1	PLN	DTVPLN -DTVP0401
12	WWBT	RICHMOND VA	315.7	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	315.7	PLN	DTVPLN -DTVP0411
12	WWPX	MARTINSBURG WV	195.6	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	195.6	PLN	DTVPLN -DTVP0414
13	WQED	PITTSBURGH PA	132.8	PLN	DTVPLN -DTVP0467
13	WQED	PITTSBURGH PA	132.8	APP	BPEDT -20080208ABV
13	WSET-TV	LYNCHBURG VA	227.2	PLN	DTVPLN -DTVP0485
13	WOWK-TV	HUNTINGTON WV	184.2	PLN	DTVPLN -DTVP0490
13	WOWK-TV	HUNTINGTON WV	184.2	CP MOD	BMPCDT -20080317AGA
11	WPCW-DT	JEANNETTE PA	136.9	APP	USERRECORD-01

After Analysis

Results for: 12A WV CLARKSBURG DTVPLN DTVP0413 PLN

HAAT 262.0 m, ATV ERP 11.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	684820	25925.8
not affected by terrain losses	597038	23271.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	8665	338.3
lost to ATV IX only	8665	338.3

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 20 of 23)

lost to all IX 8665 338.3

Potential Interfering Stations Included in above Scenario 14

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12A	KY HAZARD	BLCDT	20040109ACY	LIC	
12A	OH CINCINNATI	DTVPLN	DTVP0397	PLN	
12A	OH MANSFIELD	BLCDT	20021015ABV	LIC	
12A	PA ERIE	BPCDT	20080317AEJ	APP	
12A	WV MARTINSBURG	BLCDT	20021108AAX	LIC	
13A	PA PITTSBURGH	BPEDT	20080208ABV	APP	
11A	PA JEANNETTE	USERRECORD-01			APP

Percent new IX = 0.2982%

Worst case new IX 0.2982% Scenario 14

Analysis of Interference to Affected Station 19

Analysis of current record
Channel Call City/State Application Ref. No.
12 WBOY-TV CLARKSBURG WV BMPCDT -20080317AEM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WPCW	JEANNETTE PA	140.9	PLN	DTVPLN -DTVP0342
11	WVPT	STAUNTON VA	152.5	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	152.5	PLN	DTVPLN -DTVP0354
12	WYMT-TV	HAZARD KY	340.6	LIC	BLCDT -20040109ACY
12	WYMT-TV	HAZARD KY	340.6	PLN	DTVPLN -DTVP0379
12	WKRC-TV	CINCINNATI OH	359.8	PLN	DTVPLN -DTVP0397
12	WKRC-TV	CINCINNATI OH	359.9	CP	BPCDT -20080304ABV
12	WMFD-TV	MANSFIELD OH	254.8	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	254.8	PLN	DTVPLN -DTVP0398
12	WMFD-TV	MANSFIELD OH	254.8	CP	BPCDT -20040526ABT
12	WICU-TV	ERIE PA	310.1	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	310.1	PLN	DTVPLN -DTVP0401
12	WWBT	RICHMOND VA	315.7	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	315.7	PLN	DTVPLN -DTVP0411
12	WWPX	MARTINSBURG WV	195.6	LIC	BLCDT -20021108AAX
12	WWPX	MARTINSBURG WV	195.6	PLN	DTVPLN -DTVP0414
13	WQED	PITTSBURGH PA	132.8	PLN	DTVPLN -DTVP0467
13	WQED	PITTSBURGH PA	132.8	APP	BPEDT -20080208ABV
13	WSET-TV	LYNCHBURG VA	227.2	PLN	DTVPLN -DTVP0485
13	WOWK-TV	HUNTINGTON WV	184.2	PLN	DTVPLN -DTVP0490
13	WOWK-TV	HUNTINGTON WV	184.2	CP MOD	BMPCDT -20080317AGA
11	WPCW-DT	JEANNETTE PA	136.9	APP	USERRECORD-01

Total scenarios = 96

Result key: 355
Scenario 3 Affected station 19

Before Analysis

Results for: 12A WV CLARKSBURG BMPCDT 20080317AEM CP
HAAT 262.0 m, ATV ERP 9.9 kW
POPULATION AREA (sq km)
within Noise Limited Contour 677249 25750.1

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 21 of 23)

not affected by terrain losses	589322	23168.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9116	455.1
lost to ATV IX only	9116	455.1
lost to all IX	9116	455.1
Potential Interfering Stations Included in above Scenario		3
12A KY HAZARD	BLCDT	20040109ACY LIC
12A OH CINCINNATI	DTVPLN	DTVPO397 PLN
12A OH MANSFIELD	DTVPLN	DTVPO398 PLN
12A PA ERIE	DTVPLN	DTVPO401 PLN
12A WV MARTINSBURG	BLCDT	20021108AAX LIC
13A PA PITTSBURGH	DTVPLN	DTVPO467 PLN

After Analysis

Results for: 12A WV CLARKSBURG	BMPCDT	20080317AEM CP
HAAT 262.0 m, ATV ERP 9.9 kW		
POPULATION	AREA (sq km)	
within Noise Limited Contour	677249	25750.1
not affected by terrain losses	589322	23168.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	9432	463.2
lost to ATV IX only	9432	463.2
lost to all IX	9432	463.2

Potential Interfering Stations Included in above Scenario		3
12A KY HAZARD	BLCDT	20040109ACY LIC
12A OH CINCINNATI	DTVPLN	DTVPO397 PLN
12A OH MANSFIELD	DTVPLN	DTVPO398 PLN
12A PA ERIE	DTVPLN	DTVPO401 PLN
12A WV MARTINSBURG	BLCDT	20021108AAX LIC
13A PA PITTSBURGH	DTVPLN	DTVPO467 PLN
11A PA JEANNETTE		USERRECORD01 APP

Percent new IX = 0.0545%

Worst case new IX 0.0545% Scenario 3

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Analysis of Interference to Affected Station 20

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
12	WWPX	MARTINSBURG WV	BLCDT -20021108AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WBAL-TV	BALTIMORE MD	122.2	CP	BPCDT -20080312AAT
11	WBAL-TV	BALTIMORE MD	122.2	PLN	DTVPLN -DTVPO322
11	WPCW	JEANNETTE PA	123.5	PLN	DTVPLN -DTVPO342
11	WVPT	STAUNTON VA	179.9	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	179.9	PLN	DTVPLN -DTVPO354
12	WHYY-TV	WILMINGTON DE	249.9	PLN	DTVPLN -DTVPO366
12	WHYY-TV	WILMINGTON DE	250.0	CP MOD	BMPEDT -20080208ABY
12	WMFD-TV	MANSFIELD OH	413.3	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	413.3	PLN	DTVPLN -DTVPO398
12	WMFD-TV	MANSFIELD OH	413.3	CP	BPCDT -20040526ABT
12	WICU-TV	ERIE PA	332.6	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	332.6	PLN	DTVPLN -DTVPO401
12	WWBT	RICHMOND VA	222.3	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	222.3	PLN	DTVPLN -DTVPO411
12	WBQY-TV	CLARKSBURG WV	195.6	PLN	DTVPLN -DTVPO413
12	WBQY-TV	CLARKSBURG WV	195.6	CP MOD	BMPCDT -20080317AEM
13	WJZ-TV	BALTIMORE MD	122.2	PLN	DTVPLN -DTVPO444
13	WJZ-TV	BALTIMORE MD	122.2	CP	BPCDT -20080467
13	WQED	PITTSBURGH PA	195.6	APP	BPEDT -20080208ABV
11	WPCW-DT	JEANNETTE PA	202.5	APP	USERRECORD-01

Table 1 WPCW-DT OET Bulletin 69 Interference Study
(worst-case scenarios shown page 22 of 23)

12	WMFD-TV	MANSFIELD OH	413.3	PLN	DTVPLN -DTVPO398
12	WMFD-TV	MANSFIELD OH	413.3	CP	BPCDT -20040526ABT
12	WICU-TV	ERIE PA	332.6	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	332.6	PLN	DTVPLN -DTVPO401
12	WWBT	RICHMOND VA	222.3	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	222.3	PLN	DTVPLN -DTVPO411
12	WBQY-TV	CLARKSBURG WV	195.6	PLN	DTVPLN -DTVPO413
12	WBQY-TV	CLARKSBURG WV	195.6	CP MOD	BMPCDT -20080317AEM
13	WJZ-TV	BALTIMORE MD	122.2	CP	BPCDT -20080312ABN
13	WJZ-TV	BALTIMORE MD	122.2	PLN	DTVPLN -DTVPO444
13	WQED	PITTSBURGH PA	195.6	PLN	DTVPLN -DTVPO467
13	WQED	PITTSBURGH PA	195.6	APP	BPEDT -20080208ABV
11	WPCW-DT	JEANNETTE PA	202.5	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 21

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
12	WWPX	MARTINSBURG WV	DTVPLN -DTVPO414

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WBAL-TV	BALTIMORE MD	122.2	CP	BPCDT -20080312AAT
11	WBAL-TV	BALTIMORE MD	122.2	PLN	DTVPLN -DTVPO322
11	WPCW	JEANNETTE PA	123.5	PLN	DTVPLN -DTVPO342
11	WVPT	STAUNTON VA	179.9	LIC	BLEDT -20021220ADX
11	WVPT	STAUNTON VA	179.9	PLN	DTVPLN -DTVPO354
12	WHYY-TV	WILMINGTON DE	249.9	PLN	DTVPLN -DTVPO366
12	WHYY-TV	WILMINGTON DE	250.0	CP MOD	BMPEDT -20080208ABY
12	WMFD-TV	MANSFIELD OH	413.3	LIC	BLCDT -20021015ABV
12	WMFD-TV	MANSFIELD OH	413.3	PLN	DTVPLN -DTVPO398
12	WMFD-TV	MANSFIELD OH	413.3	CP	BPCDT -20040526ABT
12	WICU-TV	ERIE PA	332.6	APP	BPCDT -20080317AEJ
12	WICU-TV	ERIE PA	332.6	PLN	DTVPLN -DTVPO401
12	WWBT	RICHMOND VA	222.3	CP	BPCDT -20080317AGM
12	WWBT	RICHMOND VA	222.3	PLN	DTVPLN -DTVPO411
12	WBQY-TV	CLARKSBURG WV	195.6	PLN	DTVPLN -DTVPO413
12	WBQY-TV	CLARKSBURG WV	195.6	CP MOD	BMPCDT -20080317AEM
13	WJZ-TV	BALTIMORE MD	122.2	CP	BPCDT -20080312ABN
13	WJZ-TV	BALTIMORE MD	122.2	PLN	DTVPLN -DTVPO444
13	WQED	PITTSBURGH PA	195.6	PLN	DTVPLN -DTVPO467
13	WQED	PITTSBURGH PA	195.6	APP	BPEDT -20080208ABV
11	WPCW-DT	JEANNETTE PA	202.5	APP	USERRECORD-01

Proposal causes no interference

Analysis of Interference to Affected Station 22

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
11	WPCW-DT	JEANNETTE PA	USERRECORD-01

Stations Potentially Affecting This Station

Table 1 WPCW-DT OET Bulletin 69 Interference Study

(worst-case scenarios shown page 23 of 23)

Chan	Call	City/State	Dist (km)	Status	Application	Ref. No.
10	WOIO	SHAKER HEIGHTS OH	172.2	LIC	BLCDT	-19991110AAR
10	WOIO	SHAKER HEIGHTS OH	172.2	PLN	DTVPLN	-DTVPO285
10	WVFX	CLARKSBURG WV	135.5	CP MOD	BMPCDT	-20020930AAV
10	WVFX	CLARKSBURG WV	135.5	PLN	DTVPLN	-DTVPO300
11	WBAL-TV	BALTIMORE MD	314.7	CP	BPCDT	-20080312AAAT
11	WBAL-TV	BALTIMORE MD	314.7	PLN	DTVPLN	-DTVPO322
11	WTOL	TOLEDO OH	310.5	APP	BPCDT	-20080403ACL
11	WTOL	TOLEDO OH	310.5	PLN	DTVPLN	-DTVPO336
11	WBRE-TV	WILKES-BARRE PA	356.9	LIC	BLCDT	-20051123AJX
11	WBRE-TV	WILKES-BARRE PA	356.9	PLN	DTVPLN	-DTVPO343
11	WVPT	STAUNTON VA	265.9	LIC	BLEDT	-20021220ADX
11	WVPT	STAUNTON VA	265.9	PLN	DTVPLN	-DTVPO354
12	WMFD-TV	MANSFIELD OH	221.2	LIC	BLCDT	-20021015ABV
12	WMFD-TV	MANSFIELD OH	221.2	PLN	DTVPLN	-DTVPO398
12	WMFD-TV	MANSFIELD OH	221.2	CP	BPCDT	-20040526ABT
12	WICU-TV	ERIE PA	174.5	APP	BPCDT	-20080317AEJ
12	WICU-TV	ERIE PA	174.6	PLN	DTVPLN	-DTVPO401
12	WBQY-TV	CLARKSBURG WV	136.9	PLN	DTVPLN	-DTVPO413
12	WBQY-TV	CLARKSBURG WV	136.9	CP MOD	BMPCDT	-20080317AEM
12	WWFX	MARTINSBURG WV	202.5	LIC	BLCDT	-20021108AAX
12	WWFX	MARTINSBURG WV	202.5	PLN	DTVPLN	-DTVPO414

Total scenarios = 64

Result key: 479
Scenario 31 Affected station 22
Before Analysis

	POPULATION	AREA (sq km)
within Noise Limited Contour	3762561	32008.6
not affected by terrain losses	3543489	28860.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6964	172.2
lost to ATV IX only	6964	172.2
lost to all IX	6964	172.2

Potential Interfering Stations Included in above Scenario 31

10A WV CLARKSBURG	DTVPNLN	DTVP0300	PLN
11A MD BALTIMORE	DTVPNLN	DTVP0322	PLN
11A OH TOLEDO	DTVPNLN	DTVP0336	PLN
11A PA WILKES-BARRE	DTVPNLN	DTVP0343	PLN
11A VA STAUNTON	DTVPNLN	DTVP0354	PLN
12A WV CLARKSBURG	DTVPNLN	DTVP0413	PLN

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>											
<p>1. The proposed DTV facility complies with 47 C.F.R. Section 73.622 in the following respects:</p> <table border="1"> <tr> <td>(a) It will operate on the DTV channel for this station as established in 47 C.F.R. Section 73.622.</td> <td><input checked="" type="radio"/> Yes <input type="radio"/> No</td> </tr> <tr> <td>(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.</td> <td><input type="radio"/> Yes <input checked="" type="radio"/> No</td> </tr> <tr> <td>(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.</td> <td><input type="radio"/> Yes <input checked="" type="radio"/> No</td> </tr> <tr> <td>(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").</td> <td><input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> N/A</td> </tr> <tr> <td>(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.</td> <td><input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A</td> </tr> </table> <p>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.</p> <p>3. Pursuant to 47 C.F.R. Section 73.625, the DTV coverage contour of the proposed facility will encompass the allotted principal community.</p> <p>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.</p> <p>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.</p>		(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 checked="" 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 checked="" 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
(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 checked="" 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 checked="" 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										

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 11 Analog TV, if any 19
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 29 Seconds 38 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 80 Minutes 1 Seconds 9 <input checked="" type="radio"/> West <input type="radio"/> East
4.	Antenna Structure Registration Number: 1025971 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA
5.	Antenna Location Site Elevation Above Mean Sea Level: 416 meters
6.	Overall Tower Height Above Ground Level: 208.5 meters
7.	Height of Radiation Center Above Ground Level: 184 meters
8.	Height of Radiation Center Above Average Terrain : 295 meters
9.	Maximum Effective Radiated Power (average power): 30 kW
10.	Antenna Specifications:

a. Manufacturer DIE Model THV-9A11/VP-R

b. Electrical Beam Tilt:
0.75 degrees Not Applicable

c. Mechanical Beam Tilt:
degrees toward azimuth
degrees True Not Applicable

Attach as an Exhibit all data specified in 47 C.F.R. Section 73.625(c).

[Exhibit 42]

d. Polarization:
 Horizontal Circular Elliptical

e. Directional Antenna Relative Field Values: 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:
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. | [Exhibit 46] |

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 6/11/2008	
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).