

**ENGINEERING NARRATIVE**  
**IN SUPPORT OF APPLICATION FOR CONSTRUCTION PERMIT**  
**FOR INCENTIVE AUCTION REASSIGNMENT CHANNEL**  
  
**Prepared for**  
  
**TRIPLE J COMMUNITY BROADCASTING, LLC**  
  
**W47AO-D CH 36 Facility ID 68136 12.2 kW DA RC 533 M AMSL**  
  
**BERWICK, PENNSYLVANIA**

**Summary**

Triple J Community Broadcasting, LLC ("TJCB") specifies herein its post-auction CH 36 transmission facilities. The proposed facility is based on continued operation from the licensed site and antenna RC on an unregistered tower owned by TJCB with no other known TV or FM broadcast licenses. The licensed SWR CH 47 panel type directional antenna will be employed with a change out in the power divider required for CH 36 operation. No change in antenna model, horizontal plane radiation pattern, aperture or RC AMSL are proposed. The CH 36 antenna is a SWR model SWR SWDDP 4-4-0-0 2 x 4 array of panels which are horizontally polarized. The Berwick, Pennsylvania community boundary is located inside the 50.9 dBu F(50,90) noise limited contour as well as the Grade B contour.

Attached herein is the TVStudy version 2.2.2 output which demonstrates that the proposed facility complies with the requirements for expedited processing in that there is no new interference to any station, the proposed population is 100 percent of the baseline population and the proposed coverage contour does not exceed the baseline contour.

**Environmental**

The proposed site is an existing site.

The proposed antenna system, as stated above, will consist of a panel antenna system type SWR SWR SWDDP 4.4.0.0 horizontally polarized and side mounted at the top of an existing tower in an area inaccessible to the public. The H.Pol. maximum ERP at any azimuth is 12.2 kilowatts. The antenna radiation center is 42 meters above ground. Utilizing formula 10 OF OET Bulletin No. 65, Edition 97-01, a value F of 0.2 has been used to calculate the power density 2 meters above ground. The maximum power density is 10.24 uW/cm squared. This value is 2.8% of the General Population exposure per section 1.1310. Based on this analysis it is believed that the proposed facility is in compliance with OET-65 Guidelines.

The applicant will reduce power or cease transmission as required to meet FCC OET-65 Worker Safety Guidelines.

### **OET-69 Bulletin, TVStudy Output**

Study created: 2017.07.08 13:14:00

Study build station data: LMS TV 2017-06-21 (6)

Proposal: W47AO-D D36 DC BL BERWICK, PA  
File number: DTVBL68136  
Facility ID: 68136  
Station data: User record  
Record ID: 61  
Country: U.S.

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	187.8 km
WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3
WJAC-TV	D35	DT	BL	JOHNSTOWN, PA	DTVBL73120	243.7

WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	135.3
WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	135.3
WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	240.0
WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	296.8
WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	296.8
WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	187.8
WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	187.8
WCFE-TV	D36	DT	BL	PLATTSBURGH, NY	DTVBL46755	451.9
WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
WQHS-DT	D36	DT	APP	CLEVELAND, OH	BLANK0000025113	460.9
WQHS-DT	D36	DT	BL	CLEVELAND, OH	DTVBL60556	460.9
WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8
WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	351.0
WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	363.5
WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	355.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36  
 Mask: Full Service  
 Latitude: 41 0 20.21 N (NAD83)  
 Longitude: 76 12 48.66 W  
 Height AMSL: 533.0 m  
 HAAT: 0.0 m  
 Peak ERP: 12.2 kW  
 Antenna: SWR-SWDDP 4-4-0-0 (ID 1000571) 330.0 deg

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.68 kW	257.2 m	49.0 km
45.0	0.525	263.2	35.8
90.0	0.703	252.6	36.8

135.0	0.538	109.0	26.9
180.0	0.488	179.3	31.1
225.0	9.88	176.4	46.5
270.0	3.69	289.3	47.5
315.0	9.23	287.9	52.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 227 m

Proposal service area is within baseline plus 1.0%  
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 295.7 km

Distance to Mexican border: 2532.8 km

Conditions at FCC monitoring station: Laurel MD  
Bearing: 194.4 degrees    Distance: 211.0 km  
ERP: 2.94 kW    Field strength: -4.0 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 277.4 degrees    Distance: 2439.7 km

Study cell size: 2.00 km  
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

Proposal receives 0.56% interference from scenario 1  
Proposal receives 0.55% interference from scenario 2  
Proposal receives 0.56% interference from scenario 3  
Proposal receives 0.55% interference from scenario 4  
Proposal receives 0.56% interference from scenario 5  
Proposal receives 0.55% interference from scenario 6  
Proposal receives 0.56% interference from scenario 7

Proposal receives 0.55% interference from scenario 8  
No IX check failures found.

## OET-69 Bulletin, tvix Study

tvstudy v2.2.2  
Database: 127.0.0.1, Study: DTVBL68136 (260), Model: Longley-Rice  
Start: 2017.07.08 13:15:09

Study created: 2017.07.08 13:14:00

Study build station data: LMS TV 2017-06-21 (6)

Proposal: W47AO-D D36 DC BL BERWICK, PA  
File number: DTVBL68136  
Facility ID: 68136  
Station data: User record  
Record ID: 61  
Country: U.S.

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WNJU	D35	DT	BL	LINDEN, NJ	DTVBL73333	187.8 km
WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3
WJAC-TV	D35	DT	BL	JOHNSTOWN, PA	DTVBL73120	243.7
WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	135.3
WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	135.3
WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	240.0
WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	296.8
WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	296.8
WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	187.8
WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	187.8
WCFE-TV	D36	DT	BL	PLATTSBURGH, NY	DTVBL46755	451.9
WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
WQHS-DT	D36	DT	APP	CLEVELAND, OH	BLANK0000025113	460.9
WQHS-DT	D36	DT	BL	CLEVELAND, OH	DTVBL60556	460.9
WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8
WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	351.0

WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	363.5
WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	355.9

No non-directional AM stations found within 0.8 km

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Record parameters as studied:

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 HAAT: 0.0 m  
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 Antenna: SWR-SWDDP 4-4-0-0 (ID 1000571) 330.0 deg

50.9 dBu contour:

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45.0	0.525	263.2	35.8
90.0	0.703	252.6	36.8
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180.0	0.488	179.3	31.1
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270.0	3.69	289.3	47.5
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Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 295.7 km

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Conditions at FCC monitoring station: Laurel MD

Bearing: 194.4 degrees    Distance: 211.0 km

ERP: 2.94 kW    Field strength: -4.0 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 277.4 degrees Distance: 2439.7 km

Study cell size: 2.00 km  
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

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Interference to DTVBL73333 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 4  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 5  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 6  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 7  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 8  
Proposal causes no interference.  
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Interference to DTVBL73333 BL, scenario 9  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 10  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 11  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 12  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 13  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 14  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 15  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 16  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 17  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 18  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 19  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 20



Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 21  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 22  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 23  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 24  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 25  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 26  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 27  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 28  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 29  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 30  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 31  
Proposal causes no interference.

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Interference to DTVBL73333 BL, scenario 32  
Proposal causes no interference.

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Interference to DTVBL71508 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL71508 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL73120 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL73120 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL73120 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL73120 BL, scenario 4  
Proposal causes no interference.

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Interference to BLANK0000025111 CP, scenario 1  
Proposal causes no interference.

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Interference to BLANK0000025111 CP, scenario 2  
Proposal causes no interference.

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Interference to DTVBL74216 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL74216 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL74091 BL, scenario 1  
Proposal causes no interference.

-----  
Interference to DTVBL74091 BL, scenario 2  
Proposal causes no interference.

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Interference to BLANK0000024832 CP, scenario 1  
Proposal causes no interference.

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Interference to BLANK0000024832 CP, scenario 2  
Proposal causes no interference.

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Interference to BLANK0000024832 CP, scenario 3  
Proposal causes no interference.

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Interference to BLANK0000024832 CP, scenario 4  
Proposal causes no interference.

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Interference to DTVBL53115 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL53115 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL53115 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL53115 BL, scenario 4  
Proposal causes no interference.

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Interference to BLCDT20080507AAA LIC, scenario 1  
Proposal causes no interference.  
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Interference to BLCDT20080507AAA LIC, scenario 2  
Proposal causes no interference.

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Interference to BLCDT20080507AAA LIC, scenario 3  
Proposal causes no interference.

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Interference to BLCDT20080507AAA LIC, scenario 4  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 1  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 2  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 3  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 4  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 5  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 6  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 7  
Proposal causes no interference.

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Interference to BLCDT20060626ABE LIC, scenario 8  
Proposal causes no interference.

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Interference to DTVBL415 BL, scenario 1

Proposal causes no interference.

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Interference to DTVBL415 BL, scenario 2  
Proposal causes no interference.

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Interference to BLANK0000024605 CP, scenario 1  
Proposal causes no interference.

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Interference to BLANK0000024605 CP, scenario 2  
Proposal causes no interference.

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Interference to BLANK0000024605 CP, scenario 3  
Proposal causes no interference.

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Interference to BLANK0000024605 CP, scenario 4  
Proposal causes no interference.

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Interference to DTVBL9610 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL9610 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL9610 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL9610 BL, scenario 4  
Proposal causes no interference.

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Interference to DTVBL46755 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL46755 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL46755 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL46755 BL, scenario 4  
Proposal causes no interference.

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Interference to DTVBL64352 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL64352 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL64352 BL, scenario 3  
Proposal causes no interference.

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Interference to DTVBL64352 BL, scenario 4  
Proposal causes no interference.

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Interference to BLANK0000025113 APP, scenario 1  
Proposal causes no interference.

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Interference to BLANK0000025113 APP, scenario 2  
Proposal causes no interference.

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Interference to DTVBL60556 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL60556 BL, scenario 2  
Proposal causes no interference.

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Interference to BLANK0000001676 LIC, scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136 91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136 91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111 142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091 156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832 375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA 155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE 225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415 343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605 244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352 335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267 285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915 271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499 299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134 365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
WFPA-CD D35 DC CP 4.0	0	0.0 0	
WPXW-TV D35 DT BL 11.9	1,157	0.0 0	
WTTG D36 DT LIC 1747.2	152,499	1311.5 122,562	
WMGM-TV D36 DT LIC 256.0	16,199	23.8 987	
WUTV D36 DT BL 12.0	0	0.0 0	
WCBS-TV D36 DT CP 232.7	12,461	44.1 2,771	

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Interference to BLANK0000001676 LIC, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7

WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14849.9 2,023,134	14849.9 2,023,134	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL	502.5 24,976	243.3 9,954	
W47AO-D D36 DC BL	502.5 24,976	243.3 9,954	
WFPA-CD D35 DC CP	4.0 0	0.0 0	
WPXW-TV D35 DT BL	11.9 1,157	0.0 0	
WTTG D36 DT LIC	1747.2 152,499	1315.5 122,670	
WMGM-TV D36 DT LIC	256.0 16,199	27.9 1,013	
WUTV D36 DT BL	12.0 0	0.0 0	
WCBS-TV D36 DT BL	204.7 11,395	32.0 2,139	

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Interference to BLANK0000001676 LIC, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL	502.5 24,976	243.3 9,954	



W47AO-D D36 DC BL	502.5	24,976			243.3	9,954
WFPA-CD D35 DC CP	4.0	0	0.0	0	0.0	0
WPXW-TV D35 DT BL	11.9	1,157	0.0	0	0.0	0
WTTG D36 DT LIC	1747.2	152,499	1311.5	122,562	1311.5	122,562
WMGM-TV D36 DT LIC	256.0	16,199	23.8	987	23.8	987
WUTV D36 DT BL	12.0	0	0.0	0	0.0	0
WCBS-TV D36 DT CP	232.7	12,461	44.1	2,771	44.1	2,771

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Interference to BLANK0000001676 LIC, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14849.9 2,023,134	14849.9 2,023,134	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL	502.5 24,976	243.3 9,954	
W47AO-D D36 DC BL	502.5 24,976	243.3 9,954	
WFPA-CD D35 DC CP	4.0 0	0.0 0	
WPXW-TV D35 DT BL	11.9 1,157	0.0 0	
WTTG D36 DT LIC	1747.2 152,499	1315.5 122,670	
WMGM-TV D36 DT LIC	256.0 16,199	27.9 1,013	
WUTV D36 DT BL	12.0 0	0.0 0	
WCBS-TV D36 DT BL	204.7 11,395	32.0 2,139	

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Interference to BLANK0000001676 LIC, scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	19488.4	2,412,561	16964.3	2,191,501	14837.9	2,022,502	0.00 0.00

Undesired			Total IX	Unique IX, before		Unique IX, after	
W47AO-D D36 DC BL	502.5		24,976	243.3	9,954		
W47AO-D D36 DC BL	502.5		24,976			243.3	9,954
WFPA-CD D35 DC CP	4.0		0	0.0	0	0.0	0
WPXW-TV D35 DT BL	11.9		1,157	0.0	0	0.0	0
WTTG D36 DT LIC	1747.2		152,499	1311.5	122,562	1311.5	122,562
WMGM-TV D36 DT LIC	256.0		16,199	23.8	987	23.8	987
WUTV D36 DT BL	12.0		0	0.0	0	0.0	0
WCBS-TV D36 DT CP	232.7		12,461	44.1	2,771	44.1	2,771

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Interference to BLANK0000001676 LIC, scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK0000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4

WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14849.9 2,023,134	14849.9 2,023,134	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
W47AO-D D36 DC BL 502.5	24,976		243.3 9,954
WFPA-CD D35 DC CP 4.0	0	0.0 0	0.0 0
WPXW-TV D35 DT BL 11.9	1,157	0.0 0	0.0 0
WTTG D36 DT LIC 1747.2	152,499	1315.5 122,670	1315.5 122,670
WMGM-TV D36 DT LIC 256.0	16,199	27.9 1,013	27.9 1,013
WUTV D36 DT BL 12.0	0	0.0 0	0.0 0
WCBS-TV D36 DT BL 204.7	11,395	32.0 2,139	32.0 2,139

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Interference to BLANK0000001676 LIC, scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK00000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK00000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
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W47AO-D D36 DC BL	502.5	24,976	243.3	9,954		
W47AO-D D36 DC BL	502.5	24,976			243.3	9,954
WFPA-CD D35 DC CP	4.0	0	0.0	0	0.0	0
WPXW-TV D35 DT BL	11.9	1,157	0.0	0	0.0	0
WTTG D36 DT LIC	1747.2	152,499	1311.5	122,562	1311.5	122,562
WMGM-TV D36 DT LIC	256.0	16,199	23.8	987	23.8	987
WUTV D36 DT BL	12.0	0	0.0	0	0.0	0
WCBS-TV D36 DT CP	232.7	12,461	44.1	2,771	44.1	2,771

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Interference to BLANK0000001676 LIC, scenario 8

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	CP	PHILADELPHIA, PA	BLANK00000025111	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
19488.4	2,412,561	16964.3	2,191,501	14849.9	2,023,134	14849.9	2,023,134	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL	502.5	24,976	243.3	9,954
W47AO-D D36 DC BL	502.5	24,976		243.3 9,954
WFPA-CD D35 DC CP	4.0	0	0.0	0
WPXW-TV D35 DT BL	11.9	1,157	0.0	0
WTTG D36 DT LIC	1747.2	152,499	1315.5	122,670
WMGM-TV D36 DT LIC	256.0	16,199	27.9	1,013
WUTV D36 DT BL	12.0	0	0.0	0
WCBS-TV D36 DT BL	204.7	11,395	32.0	2,139

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Interference to BLANK0000001676 LIC, scenario 9

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
WFPA-CD D35 DC BL 4.0	0	0.0 0	
WPXW-TV D35 DT BL 11.9	1,157	0.0 0	
WTTG D36 DT LIC 1747.2	152,499	1311.5 122,562	1311.5 122,562
WMGM-TV D36 DT LIC 256.0	16,199	23.8 987	23.8 987
WUTV D36 DT BL 12.0	0	0.0 0	0.0 0
WCBS-TV D36 DT CP 232.7	12,461	44.1 2,771	44.1 2,771

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Interference to BLANK0000001676 LIC, scenario 10

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3

WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14849.9 2,023,134	14849.9 2,023,134	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
WFPA-CD D35 DC BL 4.0	0	0.0 0	
WPXW-TV D35 DT BL 11.9	1,157	0.0 0	
WTTG D36 DT LIC 1747.2	152,499	1315.5 122,670	
WMGM-TV D36 DT LIC 256.0	16,199	27.9 1,013	
WUTV D36 DT BL 12.0	0	0.0 0	
WCBS-TV D36 DT BL 204.7	11,395	32.0 2,139	

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Interference to BLANK0000001676 LIC, scenario 11

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3	9,954
W47AO-D D36 DC BL 502.5	24,976		243.3 9,954
WFPA-CD D35 DC BL 4.0	0	0.0	0 0.0 0
WPXW-TV D35 DT BL 11.9	1,157	0.0	0 0.0 0
WTTG D36 DT LIC 1747.2	152,499	1311.5	122,562 1311.5 122,562
WMGM-TV D36 DT LIC 256.0	16,199	23.8	987 23.8 987
WUTV D36 DT BL 12.0	0	0.0	0 0.0 0
WCBS-TV D36 DT CP 232.7	12,461	44.1	2,771 44.1 2,771

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3	9,954
W47AO-D D36 DC BL 502.5	24,976		243.3 9,954
WFPA-CD D35 DC BL 4.0	0	0.0	0 0.0
WPXW-TV D35 DT BL 11.9	1,157	0.0	0 0.0
WTTG D36 DT LIC 1747.2	152,499	1315.5	122,670 1315.5 122,670
WMGM-TV D36 DT LIC 256.0	16,199	27.9	1,013 27.9 1,013
WUTV D36 DT BL 12.0	0	0.0	0 0.0
WCBS-TV D36 DT BL 204.7	11,395	32.0	2,139 32.0 2,139

Interference to BLANK0000001676 LIC, scenario 13

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
WFPA-CD D35 DC BL 4.0	0	0.0 0	
WPXW-TV D35 DT BL 11.9	1,157	0.0 0	
WTTG D36 DT LIC 1747.2	152,499	1311.5 122,562	
WMGM-TV D36 DT LIC 256.0	16,199	23.8 987	
WUTV D36 DT BL 12.0	0	0.0 0	
WCBS-TV D36 DT CP 232.7	12,461	44.1 2,771	

Interference to BLANK0000001676 LIC, scenario 14

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5



WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14849.9 2,023,134	14849.9 2,023,134	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
W47AO-D D36 DC BL 502.5	24,976	243.3 9,954	
WFPA-CD D35 DC BL 4.0	0	0.0 0	
WPXW-TV D35 DT BL 11.9	1,157	0.0 0	
WTTG D36 DT LIC 1747.2	152,499	1315.5 122,670	
WMGM-TV D36 DT LIC 256.0	16,199	27.9 1,013	
WUTV D36 DT BL 12.0	0	0.0 0	
WCBS-TV D36 DT BL 204.7	11,395	32.0 2,139	

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Interference to BLANK0000001676 LIC, scenario 15

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14837.9 2,022,502	14837.9 2,022,502	0.00 0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL	502.5		24,976	243.3	9,954
W47AO-D D36 DC BL	502.5		24,976		243.3
W47AO-D D36 DC BL					9,954
WFPA-CD D35 DC BL	4.0		0	0.0	0
WPXW-TV D35 DT BL	11.9		1,157	0.0	0
WTTG D36 DT LIC	1747.2		152,499	1311.5	122,562
WMGM-TV D36 DT LIC	256.0		16,199	23.8	987
WUTV D36 DT BL	12.0		0	0.0	0
WCBS-TV D36 DT CP	232.7		12,461	44.1	2,771

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Interference to BLANK0000001676 LIC, scenario 16

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	
Undesireds:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8 km
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	91.8
	WFPA-CD	D35	DC	BL	PHILADELPHIA, PA	DTVBL74216	142.7
	WPXW-TV	D35	DT	BL	MANASSAS, VA	DTVBL74091	156.1
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	375.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	155.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	225.3
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	343.4
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	244.7
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	335.9
	WWLM-CD	D36	DC	BL	WASHINGTON, PA	DTVBL267	285.7
	WSVF-CD	D36	DC	BL	HARRISONBURG, VA	DTVBL190915	271.6
	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	299.9
	WYSJ-CA	D36	DC	BL	YORKTOWN, VA	DTVBL35134	365.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4	2,412,561	16964.3	2,191,501	14849.9
				2,023,134
				0.00
				0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
W47AO-D D36 DC BL	502.5		24,976	243.3	9,954
W47AO-D D36 DC BL	502.5		24,976		243.3
W47AO-D D36 DC BL					9,954
WFPA-CD D35 DC BL	4.0		0	0.0	0
WPXW-TV D35 DT BL	11.9		1,157	0.0	0
WTTG D36 DT LIC	1747.2		152,499	1315.5	122,670
WMGM-TV D36 DT LIC	256.0		16,199	27.9	1,013
WUTV D36 DT BL	12.0		0	0.0	0
WCBS-TV D36 DT BL	204.7		11,395	32.0	2,139

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Interference to DTVBL267 BL, scenario 1  
Proposal causes no interference.

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Interference to DTVBL267 BL, scenario 2  
Proposal causes no interference.

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Interference to DTVBL190915 BL, scenario 1  
Proposal causes no interference.

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Interference to BLANK0000001499 LIC, scenario 1  
Proposal causes no interference.

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Interference to BLANK0000001499 LIC, scenario 2  
Proposal causes no interference.

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Interference to proposal, scenario 1  
0.56% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area	Terrain-limited	IX-free	Percent IX
5567.7	360,941	4112.9	252,342
		4016.7	250,933
			2.34
			0.56

  

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1	207	0.0
		0	0.00
WCBS-TV D36 DT CP	40.1	730	20.1
		347	0.49
WITF-TV D36 DT LIC	72.0	1,062	47.9
		472	1.17
			0.19

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Interference to proposal, scenario 2  
0.55% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area	Terrain-limited	IX-free	Percent IX
5567.7 360,941	4112.9 252,342	4020.7 250,959	2.24 0.55
Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1 207	0.0 0	0.00 0.00
WCBS-TV D36 DT BL	36.2 704	16.1 321	0.39 0.13
WITF-TV D36 DT LIC	72.0 1,062	47.9 472	1.17 0.19

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Interference to proposal, scenario 3  
0.56% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area	Terrain-limited	IX-free	Percent IX
5567.7 360,941	4112.9 252,342	4016.7 250,933	2.34 0.56
Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1 207	0.0 0	0.00 0.00
WCBS-TV D36 DT CP	40.1 730	20.1 347	0.49 0.14

WITF-TV D36 DT LIC	72.0	1,062	47.9	472	1.17	0.19
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Interference to proposal, scenario 4  
0.55% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area		Terrain-limited		IX-free		Percent IX
5567.7	360,941	4112.9	252,342	4020.7	250,959	2.24 0.55

Undesired		Total IX		Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1	207	0.0	0	0.00 0.00
WCBS-TV D36 DT BL	36.2	704	16.1	321	0.39 0.13
WITF-TV D36 DT LIC	72.0	1,062	47.9	472	1.17 0.19

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Interference to proposal, scenario 5  
0.56% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area		Terrain-limited		IX-free		Percent IX
5567.7	360,941	4112.9	252,342	4016.7	250,933	2.34 0.56

Undesired		Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1	207	0.0	0
WCBS-TV D36 DT CP	40.1	730	20.1	347
WITF-TV D36 DT LIC	72.0	1,062	47.9	472

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Interference to proposal, scenario 6  
0.55% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	CP	HARTFORD, CT	BLANK0000024832	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area	Terrain-limited	IX-free	Percent IX
5567.7	360,941	4112.9	252,342
		4020.7	250,959
			2.24
			0.55

  

Undesired		Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1	207	0.0	0
WCBS-TV D36 DT BL	36.2	704	16.1	321
WITF-TV D36 DT LIC	72.0	1,062	47.9	472

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Interference to proposal, scenario 7  
0.56% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds:	WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
	WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	296.8
	WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
	WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
	WCBS-TV	D36	DT	CP	NEW YORK, NY	BLANK0000024605	187.8
	WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area	Terrain-limited	IX-free	Percent IX
5567.7 360,941	4112.9 252,342	4016.7 250,933	2.34 0.56

  

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1 207	0.0 0	0.00 0.00
WCBS-TV D36 DT CP	40.1 730	20.1 347	0.49 0.14
WITF-TV D36 DT LIC	72.0 1,062	47.9 472	1.17 0.19

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Interference to proposal, scenario 8  
0.55% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: W47AO-D	D36	DC	BL	BERWICK, PA	DTVBL68136	
Undesireds: WENY-TV	D35	DT	BL	ELMIRA, NY	DTVBL71508	145.3 km
WFSB	D36	DT	BL	HARTFORD, CT	DTVBL53115	296.8
WTTG	D36	DT	LIC	WASHINGTON, DC	BLCDT20080507AAA	239.5
WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLCDT20060626ABE	242.7
WUTV	D36	DT	BL	BUFFALO, NY	DTVBL415	317.3
WCBS-TV	D36	DT	BL	NEW YORK, NY	DTVBL9610	187.8
WSPX-TV	D36	DT	BL	SYRACUSE, NY	DTVBL64352	255.9
WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000001676	91.8

Service area	Terrain-limited	IX-free	Percent IX
5567.7 360,941	4112.9 252,342	4020.7 250,959	2.24 0.55

  

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTTG D36 DT LIC	16.1 207	0.0 0	0.00 0.00
WCBS-TV D36 DT BL	36.2 704	16.1 321	0.39 0.13
WITF-TV D36 DT LIC	72.0 1,062	47.9 472	1.17 0.19

## Coverage Baseline for Post -Auction Table of Allotments

Ter. limited    Noise Limited    Interfer. Free

68136	BLANK0000001553	W47AO-D	36	BERWICK	PA	DC	5567.7	360941	4112.9	252342	4012.8	250887
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Proposed population 100% of Baseline

## Conclusion

Based on the information supplied herein, and accompanying application for construction permit, it is believed that the proposed facilities meet all applicable FCC requirements for construction permit.

The foregoing was prepared on behalf of Triple J Community Broadcasting, LLC by Clarence M. Beverage of *Communications Technologies, Inc.*, Marlton, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. The undersigned certifies, under penalty of perjury, that the statements herein are true and correct of his own knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



By \_\_\_\_\_

**Clarence M. Beverage**  
*for* Communications Technologies, Inc.  
Marlton, New Jersey  
July 8, 2017



