

ENGINEERING STATEMENT**In support of a request for****Minor Modification of a Licensed Facility for DTV Application****WMVH-CD CH32****Charleroi, PA****Facility ID: 68394****PURPOSE**

MARSAND, INC. has been retained by OTA Broadcasting (PIT), LLC, the “applicant”, to prepare this engineering statement in support of a request for a Minor Modification of a Licensed Facility for DTV Application pursuant to the Commission’s directive in *Procedures for the Post-Incentive Auction Broadcast Transition*, DA 17-106, released January 27, 2017 and the *Incentive Auction Closing and Channel Reassignment Public Notice*, DA 17-314, released April 13, 2017. The applicant proposes to replace its existing side-mounted Broadband Panel antenna with a side-mounted Broadband Panel antenna on its reassigned channel 32 to be able to meet the construction deadline for its transition phase 4.

The proposed DTV facility will operate on the DTV channel for this station as established in the post-incentive auction channel reassignment public notice. It will operate post-incentive auction facilities that do not expand the noise-limited service contour in any direction beyond that established by the post-incentive auction channel reassignment public notice and that match or reduce by no more than five percent with respect to predicted population from those defined in the post-incentive auction channel reassignment public notice. The antenna structure to be used by this facility has been registered by the Commission and will not require reregistration.

DISCUSSION

The applicant currently is licensed and operating on channel 40 with Digital TV service with 5.46 kW ERP at 430.4 m RCAMSL (BLDTA-20140922ACB). The station has been reassigned

channel 32 with 4.65 kW ERP at 430.4 m RCAMSL . The current tower is leased by the applicant and will not require modifications.

Although broadband, the current antenna does not faithfully represent the antenna pattern on file for the reassigned channel and therefore must be replaced to comply with the post-repack service area replication requirements.

The existing transmission line would remain in place as the line will work properly at the new reassigned channel. The proposed facility would establish service on the reassigned channel at an ERP of 4.65 kW and an RCAMSL of 430.4 m. The proposed service area will remain within the FCC baseline +1% and still maintain a service area population of more than 95% of baseline. The study results of this proposal utilizing the FCC TVStudy v2.2.2 software are included as **Exhibit 1**.

FCC OET Bulletin No. 65 "Evaluating Compliance With FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", Edition 97-01, and has been found to comply with the limits set forth in Section 1.1310 of the Rules as shown in **Exhibit 2**. The total exposure as defined by the ANSI standard computations for occupational/controlled area is 0.01 % of the maximum. The total exposure as defined by the ANSI standard computations for general population/uncontrolled area is 0.06 % of the maximum.

Proposed coverage contour shown in **Exhibit 3**.

Proposed antenna technical information is shown in **Exhibit 4**.

CONCLUSION

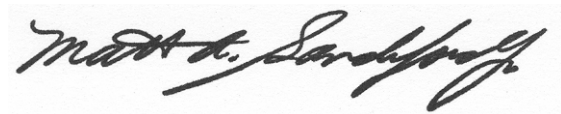
It is respectfully requested that the Commission grant this request for minor modification for these facilities as specified herein.

DECLARATION

Matthew A. Sanderford, Jr., P.E., declares and states that he is a graduate Electrical Engineer with a Bachelor of Science Degree in Electrical Engineering from the University of Texas at El Paso, a Licensed Professional Engineer in the State of Texas, and his qualifications are known to the Federal Communications Commission, and that he is President of MARSAND, INC., a Registered Professional Engineering firm in the State of Texas, and that firm has been retained by OTA Broadcasting (PIT), LLC, to perform the engineering support as contained in this report.

All facts contained herein are true of his own knowledge except where stated to be on information or belief provided by others, and as to those facts, he believes them to be true.

I declare under penalty of perjury that the foregoing is true and correct.



Matthew A. Sanderford, Jr., P.E.
President - MARSAND, INC.

Executed this 7th of July, 2017
State of Texas

EXHIBIT 1

tvstudy v2.2.2
Database: localhost, Study: WMVH_PROPOSED08, Model: Longley-Rice
Start: 2017.07.08 00:44:42

Study created: 2017.07.08 00:43:06

Study build station data: LMS TV 2017-07-01 (9)

Proposal: WMVH-CD D32 DC BL CHARLEROI, PA
File number: WMVH_PROPOSED08
Facility ID: 68394
Station data: User record
Record ID: 141
Country: U.S.

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WANE-TV	D32	DT	BL	FORT WAYNE, IN	DTVBL39270	458.7
WBOC-TV	D32	DT	BL	SALISBURY, MD	DTVBL71218	407.5
WDIV-TV	D32	DT	BL	DETROIT, MI	DTVBL53114	380.9
WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	333.1
WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WKPT-TV	D32	DT	BL	KINGSFORT, TN	DTVBL27504	454.5
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32
Mask: Full Service
Latitude: 40 7 24.40 N (NAD83)
Longitude: 79 53 44.00 W
Height AMSL: 430.4 m
HAAT: 110.0 m
Peak ERP: 4.65 kW
Antenna: ATC-BCH48UA-32 0.0 deg

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.235 kW	120.1 m	23.9 km
45.0	1.51	111.2	32.9
90.0	4.47	128.9	39.7
135.0	3.96	110.7	37.8
180.0	4.38	133.7	39.9
225.0	4.30	81.6	34.8
270.0	3.56	87.9	34.7
315.0	0.352	104.2	24.6

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 252.8 km

Distance to Mexican border: 2226.0 km

Conditions at FCC monitoring station: Laurel MD

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Bearing: 111.1 degrees Distance: 283.9 km
ERP: 4.38 kW Field strength: -11.9 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 278.3 degrees Distance: 2145.0 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%

Interference to DTVBL4693 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 14
Proposal causes no interference.

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Interference to DTVBL4693 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL4693 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL20287 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	132.6 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	132.6
	WBYD-CD	D30	DC	BL	PITTSBURGH, PA	DTVBL68395	129.2
	WMPT	D31	DT	APP	ANNAPOLIS, MD	BLANK0000025178	233.6
	WSKG-TV	D31	DT	BL	BINGHAMTON, NY	DTVBL74034	266.5
	WNED-TV	D31	DT	BL	BUFFALO, NY	DTVBL71928	276.5
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	192.3
	WTFX-TV	D31	DT	BL	PHILADELPHIA, PA	DTVBL51568	277.9
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	135.5
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	95.1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
23669.1	905,225	19470.0	759,514	19120.6	754,362	19120.6	754,362	0.00	0.00
Undesired				Total IX		Unique IX, before		Unique IX, after	
WMVH-CD D32 DC BL		4.0	81	0.0		0			
WMVH-CD D32 DC BL		0.0	0			0.0		0	
WMPT D31 DT APP		104.7	1,444	64.4		1,314		64.4	
WSKG-TV D31 DT BL		32.2	31	12.1		31		12.1	
WNED-TV D31 DT BL		12.2	214	8.1		127		8.1	
WYTV D31 DT BL		164.5	2,427	132.3		2,129		136.3	
WTFX-TV D31 DT BL		68.2	732	32.0		510		32.0	
WHP-TV D32 DT BL		60.2	743	32.1		521		32.1	

Interference to DTVBL20287 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	132.6 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	132.6
	WBYD-CD	D30	DC	BL	PITTSBURGH, PA	DTVBL68395	129.2
	WMPT	D31	DT	BL	ANNAPOLIS, MD	DTVBL65942	233.6
	WSKG-TV	D31	DT	BL	BINGHAMTON, NY	DTVBL74034	266.5
	WNED-TV	D31	DT	BL	BUFFALO, NY	DTVBL71928	276.5
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	192.3
	WTFX-TV	D31	DT	BL	PHILADELPHIA, PA	DTVBL51568	277.9
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	135.5
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	95.1

Service area				Terrain-limited		IX-free, before		IX-free, after		Percent New IX											
23669.1				905,225		19470.0		759,514		19120.6		754,362		19120.6		754,362		0.00		0.00	
Undesired						Total IX		Unique IX, before		Unique IX, after											
WMVH-CD D32 DC BL						4.0		81		0.0		0									
WMVH-CD D32 DC BL						0.0		0		0.0		0									
WMPT D31 DT BL						104.6		1,505		64.4		1,314		64.4		1,314					
WSKG-TV D31 DT BL						32.2		31		12.1		31		12.1		31					
WNED-TV D31 DT BL						12.2		214		8.1		127		8.1		127					
WYTV D31 DT BL						164.5		2,427		132.3		2,129		136.3		2,210					
WTFX-TV D31 DT BL						68.2		732		32.0		510		32.0		510					
WHP-TV D32 DT BL						60.2		743		28.1		460		28.1		460					

Interference to DTVBL39270 BL, scenario 1
Proposal causes no interference.

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Interference to DTVBL39270 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 17
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 18
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 19
Proposal causes no interference.

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Interference to DTVBL39270 BL, scenario 20
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 21
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 22
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 23
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 24
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 25
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 26
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 27
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 28
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 29
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 30
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 31
Proposal causes no interference.

Interference to DTVBL39270 BL, scenario 32
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 5
Proposal causes no interference.

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Interference to DTVBL71218 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 17
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 18
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 19
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 20
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 21
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 22
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 23
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 24
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 25
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 26
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 27
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 28
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 29
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 30
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 31
Proposal causes no interference.

Interference to DTVBL71218 BL, scenario 32
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL53114 BL, scenario 8
Proposal causes no interference.

Interference to BLCDT20070320AAV LIC, scenario 1
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to BLCDT20070320AAV LIC, scenario 2
Proposal causes no interference.

Interference to BLCDT20070320AAV LIC, scenario 3
Proposal causes no interference.

Interference to BLCDT20070320AAV LIC, scenario 4
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 1
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 2
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 3
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 4
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 5
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 6
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 7
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 8
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 9
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 10
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 11
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 12
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 13
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 14
Proposal causes no interference.

Interference to BLANK00000025156 CP, scenario 15
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 16
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 17
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 18
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 19
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 20
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 21
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 22
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 23
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 24
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 25
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 26
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 27
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 28
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 29
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 30
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 31
Proposal causes no interference.

Interference to BLANK0000025156 CP, scenario 32
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 1
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL50147 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 17
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 18
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 19
Proposal causes no interference.

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Interference to DTVBL50147 BL, scenario 20
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 21
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 22
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 23
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 24
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 25
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 26
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 27
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 28
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 29
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 30
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 31
Proposal causes no interference.

Interference to DTVBL50147 BL, scenario 32
Proposal causes no interference.

Interference to BLANK0000024957 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000024957 CP, scenario 2
Proposal causes no interference.

Interference to BLANK0000024957 CP, scenario 3
Proposal causes no interference.

Interference to BLANK0000024957 CP, scenario 4
Proposal causes no interference.

Interference to DTVBL9939 BL, scenario 1
Proposal causes no interference.

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Interference to DTVBL9939 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL9939 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL9939 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 15
Proposal causes no interference.

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Interference to DTVBL72313 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 17
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 18
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 19
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 20
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 21
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 22
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 23
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 24
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 25
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 26
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 27
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 28
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 29
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 30
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 31
Proposal causes no interference.

Interference to DTVBL72313 BL, scenario 32
Proposal causes no interference.

Interference to DTVBL68401 BL, scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
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Matthew A. Sanderford, Jr., P.E.

Desired:	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8	142,185	0.00 0.00
Undesired				Total IX		Unique IX, before		Unique IX, after	
WMVH-CD D32 DC BL		16.0		1,009		8.0	495		
WMVH-CD D32 DC BL		16.0		1,009				8.0 495	
WNLO D32 DT LIC		8.0		514		0.0	0	0.0 0	

Interference to DTVBL68401 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8	142,185	0.00 0.00
Undesired				Total IX		Unique IX, before		Unique IX, after	
WMVH-CD D32 DC BL		16.0		1,009		8.0	495		
WMVH-CD D32 DC BL		16.0		1,009				8.0 495	
WNLO D32 DT LIC		8.0		514		0.0	0	0.0 0	

Interference to DTVBL68401 BL, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3

	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
	1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8	142,185	0.00 0.00
Undesired				Total IX		Unique IX, before		Unique IX, after	
WMVH-CD D32 DC BL		16.0		1,009		8.0	495		
WMVH-CD D32 DC BL		16.0		1,009				8.0 495	
WNLO D32 DT LIC		8.0		514		0.0	0	0.0 0	

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL68401 BL, scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
	1170.8 165,629	1054.8 143,194	1038.8 142,185	1038.8 142,185	0.00 0.00
Undesired		Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL	16.0	1,009	8.0 495		
WMVH-CD D32 DC BL	16.0	1,009	8.0 495		
WNLO D32 DT LIC	8.0	514	0.0 0	0.0 0	

Interference to DTVBL68401 BL, scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
	1170.8 165,629	1054.8 143,194	1038.8 142,185	1038.8 142,185	0.00 0.00
Undesired		Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL	16.0	1,009	8.0 495		
WMVH-CD D32 DC BL	16.0	1,009	8.0 495		
WNLO D32 DT LIC	8.0	514	0.0 0	0.0 0	

Interference to DTVBL68401 BL, scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
	1170.8 165,629	1054.8 143,194	1038.8 142,185	1038.8 142,185	0.00 0.00
Undesired		Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL	16.0	1,009	8.0 495		
WMVH-CD D32 DC BL	16.0	1,009	8.0 495		

Matthew A. Sanderford, Jr., P.E.

WNLO D32 DT LIC 8.0 514 0.0 0 0.0 0

Interference to DTVBL68401 BL, scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8 142,185	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL				16.0	1,009	8.0 495	
WMVH-CD D32 DC BL				16.0	1,009	8.0 495	
WNLO D32 DT LIC				8.0	514	0.0 0	

Interference to DTVBL68401 BL, scenario 8

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8 142,185	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL				16.0	1,009	8.0 495	
WMVH-CD D32 DC BL				16.0	1,009	8.0 495	
WNLO D32 DT LIC				8.0	514	0.0 0	

Interference to DTVBL68401 BL, scenario 9

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8 142,185	0.00 0.00

Matthew A. Sanderford, Jr., P.E.

Undesired			Total IX	Unique IX, before	Unique IX, after
WMVH-CD D32 DC BL	16.0		1,009	8.0	495
WMVH-CD D32 DC BL	16.0		1,009		8.0 495
WNLO D32 DT LIC	8.0		514	0.0	0 0

Interference to DTVBL68401 BL, scenario 10

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3
Service area			Terrain-limited		IX-free, before	IX-free, after	Percent New IX
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8 142,185	0.00 0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
WMVH-CD D32 DC BL	16.0		1,009	8.0	495
WMVH-CD D32 DC BL	16.0		1,009		8.0 495
WNLO D32 DT LIC	8.0		514	0.0	0 0

Interference to DTVBL68401 BL, scenario 11

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3
Service area			Terrain-limited		IX-free, before	IX-free, after	Percent New IX
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8 142,185	0.00 0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
WMVH-CD D32 DC BL	16.0		1,009	8.0	495
WMVH-CD D32 DC BL	16.0		1,009		8.0 495
WNLO D32 DT LIC	8.0		514	0.0	0 0

Interference to DTVBL68401 BL, scenario 12

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	98.3

Matthew A. Sanderford, Jr., P.E.

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1170.8 165,629	1054.8 143,194	1038.8 142,185	1038.8 142,185	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL	16.0 1,009	8.0 495		
WMVH-CD D32 DC BL	16.0 1,009		8.0 495	
WNLO D32 DT LIC	8.0 514	0.0 0	0.0 0	

Interference to DTVBL68401 BL, scenario 13

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds: WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	254.3
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1170.8 165,629	1054.8 143,194	1038.8 142,185	1038.8 142,185	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL	16.0 1,009	8.0 495		
WMVH-CD D32 DC BL	16.0 1,009		8.0 495	
WNLO D32 DT LIC	8.0 514	0.0 0	0.0 0	

Interference to DTVBL68401 BL, scenario 14

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds: WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	254.3
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	301.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1170.8 165,629	1054.8 143,194	1038.8 142,185	1038.8 142,185	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
WMVH-CD D32 DC BL	16.0 1,009	8.0 495		
WMVH-CD D32 DC BL	16.0 1,009		8.0 495	
WNLO D32 DT LIC	8.0 514	0.0 0	0.0 0	

Interference to DTVBL68401 BL, scenario 15

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds: WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
WNLO	D32	DT	LIC	BUFFALO, NY	BLCDT20070320AAV	254.3
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4

Matthew A. Sanderford, Jr., P.E.

WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	324.5
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8	142,185	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
WMVH-CD D32 DC BL	16.0	1,009		8.0	495		
WMVH-CD D32 DC BL	16.0	1,009				8.0	495
WNLO D32 DT LIC	8.0	514		0.0	0	0.0	0

Interference to DTVBL68401 BL, scenario 16

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	
Undesireds:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	DTVBL68394	80.0 km
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	80.0
	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	97.3
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	95.1
	WNLO	D32	DT	LIC	BUFFALO, NY	BLCDDT20070320AAV	254.3
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	276.3
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	301.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	230.4
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	324.5
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	98.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1170.8	165,629	1054.8	143,194	1038.8	142,185	1038.8	142,185	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
WMVH-CD D32 DC BL	16.0	1,009		8.0	495		
WMVH-CD D32 DC BL	16.0	1,009				8.0	495
WNLO D32 DT LIC	8.0	514		0.0	0	0.0	0

Interference to DTVBL27504 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 2
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Interference to DTVBL27504 BL, scenario 3
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Interference to DTVBL27504 BL, scenario 4
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Interference to DTVBL27504 BL, scenario 5
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Interference to DTVBL27504 BL, scenario 6
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Interference to DTVBL27504 BL, scenario 7
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Interference to DTVBL27504 BL, scenario 8
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Interference to DTVBL27504 BL, scenario 9
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Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 10
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Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 28
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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Matthew A. Sanderford, Jr., P.E.

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Interference to DTVBL27504 BL, scenario 320
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 321
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 322
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 323
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 324
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 325
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 326
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 327
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 328
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 329
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 330
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 331
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 332
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 333
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 334
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 335
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 336
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 337
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 338
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 339
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 340
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 341
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 342
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 343
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 344
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 345
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 346
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 347
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 348
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 349
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 350
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 351
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 352
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 353
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 354
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 355
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 356
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 357
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 358
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 359
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 360
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 361
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 362
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 363
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 364
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 365
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 366
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 367
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 368
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 369
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 370
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 371
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 372
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 373
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 374
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 375
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 376
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 377
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 378
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 379
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 380
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 381
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 382
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 383
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 384
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 385
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 386
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 387
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 388
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 389
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 390
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 391
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 392
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 393
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 394
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 395
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 396
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 397
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 398
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 399
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 400
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 401
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 402
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 403
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 404
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 405
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 406
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 407
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 408
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 409
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 410
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 411
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 412
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 413
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 414
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 415
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 416
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 417
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 418
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 419
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 420
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 421
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 422
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 423
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 424
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 425
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 426
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 427
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 428
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 429
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 430
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 431
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 432
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 433
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 434
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 435
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 436
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 437
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 438
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 439
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 440
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 441
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 442
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 443
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 444
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 445
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 446
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 447
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 448
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 449
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 450
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 451
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 452
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 453
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 454
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 455
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 456
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 457
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 458
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 459
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 460
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 461
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 462
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 463
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 464
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 465
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 466
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 467
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 468
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 469
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 470
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 471
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 472
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 473
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 474
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 475
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 476
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 477
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 478
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 479
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 480
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 481
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 482
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 483
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 484
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 485
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 486
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 487
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 488
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 489
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 490
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 491
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 492
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 493
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 494
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 495
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL27504 BL, scenario 496
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 497
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 498
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 499
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 500
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 501
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 502
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 503
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 504
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 505
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 506
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 507
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 508
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 509
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 510
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 511
Proposal causes no interference.

Interference to DTVBL27504 BL, scenario 512
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 1
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to BLANK0000025088 CP, scenario 2
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 3
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 4
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 5
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 6
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 7
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 8
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 9
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 10
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 11
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 12
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 13
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 14
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 15
Proposal causes no interference.

Interference to BLANK0000025088 CP, scenario 16
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 3
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL363 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL363 BL, scenario 16
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 2
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 3
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 4
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 5
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 6
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 7
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 8
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 9
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 10
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 11
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 12
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 13
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 14
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 15
Proposal causes no interference.

Interference to BLANK0000024782 CP, scenario 16
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 7
Proposal causes no interference.

Matthew A. Sanderford, Jr., P.E.

Interference to DTVBL72062 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL72062 BL, scenario 16
Proposal causes no interference.

Interference to proposal, scenario 1
1.53% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2	514,819	3317.4	427,099
3260.9	420,581	1.70	1.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT CP	24.2	2,341	0.73
WHP-TV D32 DT BL	4.0	72	0.12
WKHU-CD D32 DC BL	28.2	4,105	0.85

Interference to proposal, scenario 2
1.53% interference

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0

Matthew A. Sanderford, Jr., P.E.

WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area		Terrain-limited		IX-free		Percent IX
3676.2	514,819	3317.4	427,099	3260.9	420,581	1.70 1.53

Undesired		Total IX		Unique IX		Prcnt Unique IX
WOUB-TV D32 DT CP	24.2	2,341	24.2	2,341	0.73	0.55
WHP-TV D32 DT BL	4.0	72	4.0	72	0.12	0.02
WKHU-CD D32 DC BL	28.2	4,105	28.2	4,105	0.85	0.96

Interference to proposal, scenario 3
1.53% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area		Terrain-limited		IX-free		Percent IX
3676.2	514,819	3317.4	427,099	3260.9	420,581	1.70 1.53

Undesired		Total IX		Unique IX		Prcnt Unique IX
WOUB-TV D32 DT CP	24.2	2,341	24.2	2,341	0.73	0.55
WHP-TV D32 DT BL	4.0	72	4.0	72	0.12	0.02
WKHU-CD D32 DC BL	28.2	4,105	28.2	4,105	0.85	0.96

Interference to proposal, scenario 4
1.53% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
	WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area		Terrain-limited		IX-free		Percent IX
3676.2	514,819	3317.4	427,099	3260.9	420,581	1.70 1.53

Undesired		Total IX		Unique IX		Prcnt Unique IX
WOUB-TV D32 DT CP	24.2	2,341	24.2	2,341	0.73	0.55
WHP-TV D32 DT BL	4.0	72	4.0	72	0.12	0.02
WKHU-CD D32 DC BL	28.2	4,105	28.2	4,105	0.85	0.96

Interference to proposal, scenario 5
1.53% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0

Matthew A. Sanderford, Jr., P.E.

WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2 514,819	3317.4 427,099 3260.9	420,581	1.70 1.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT CP 24.2	2,341	24.2 2,341	0.73 0.55
WHP-TV D32 DT BL 4.0	72	4.0 72	0.12 0.02
WKHU-CD D32 DC BL 28.2	4,105	28.2 4,105	0.85 0.96

Interference to proposal, scenario 6
1.53% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2 514,819	3317.4 427,099 3260.9	420,581	1.70 1.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT CP 24.2	2,341	24.2 2,341	0.73 0.55
WHP-TV D32 DT BL 4.0	72	4.0 72	0.12 0.02
WKHU-CD D32 DC BL 28.2	4,105	28.2 4,105	0.85 0.96

Interference to proposal, scenario 7
1.53% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2 514,819	3317.4 427,099 3260.9	420,581	1.70 1.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT CP 24.2	2,341	24.2 2,341	0.73 0.55
WHP-TV D32 DT BL 4.0	72	4.0 72	0.12 0.02
WKHU-CD D32 DC BL 28.2	4,105	28.2 4,105	0.85 0.96

Interference to proposal, scenario 8
1.53% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	CP	ATHENS, OH	BLANK0000025156	212.7
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0

Matthew A. Sanderford, Jr., P.E.

WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2 514,819	3317.4 427,099 3260.9	420,581	1.70 1.53

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT CP	24.2 2,341	24.2 2,341	0.73 0.55
WHP-TV D32 DT BL	4.0 72	4.0 72	0.12 0.02
WKHU-CD D32 DC BL	28.2 4,105	28.2 4,105	0.85 0.96

Interference to proposal, scenario 9
1.18% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds: WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2 514,819	3317.4 427,099 3265.0	422,074	1.58 1.18

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT BL	20.2 848	20.2 848	0.61 0.20
WHP-TV D32 DT BL	4.0 72	4.0 72	0.12 0.02
WKHU-CD D32 DC BL	28.2 4,105	28.2 4,105	0.85 0.96

Interference to proposal, scenario 10
1.18% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds: WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2 514,819	3317.4 427,099 3265.0	422,074	1.58 1.18

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT BL	20.2 848	20.2 848	0.61 0.20
WHP-TV D32 DT BL	4.0 72	4.0 72	0.12 0.02
WKHU-CD D32 DC BL	28.2 4,105	28.2 4,105	0.85 0.96

Interference to proposal, scenario 11
1.18% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds: WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0

Matthew A. Sanderford, Jr., P.E.

WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2	514,819	3317.4	427,099
3265.0	422,074	1.58	1.18

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT BL	20.2	848	20.2
WHP-TV D32 DT BL	4.0	72	4.0
WKHU-CD D32 DC BL	28.2	4,105	28.2
		4,105	0.85
			0.96

Interference to proposal, scenario 12
1.18% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds: WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
WFMJ-TV	D33	DT	CP	YOUNGSTOWN, OH	BLANK0000024782	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2	514,819	3317.4	427,099
3265.0	422,074	1.58	1.18

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT BL	20.2	848	20.2
WHP-TV D32 DT BL	4.0	72	4.0
WKHU-CD D32 DC BL	28.2	4,105	28.2
		4,105	0.85
			0.96

Interference to proposal, scenario 13
1.18% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds: WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area	Terrain-limited	IX-free	Percent IX
3676.2	514,819	3317.4	427,099
3265.0	422,074	1.58	1.18

Undesired	Total IX	Unique IX	Prcnt Unique IX
WOUB-TV D32 DT BL	20.2	848	20.2
WHP-TV D32 DT BL	4.0	72	4.0
WKHU-CD D32 DC BL	28.2	4,105	28.2
		4,105	0.85
			0.96

Interference to proposal, scenario 14
1.18% interference

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds: WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
WOCB-CD	D32	DC	CP	MARION, OH	BLANK0000024957	268.6
WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0

Matthew A. Sanderford, Jr., P.E.

WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area		Terrain-limited		IX-free		Percent IX
3676.2	514,819	3317.4	427,099	3265.0	422,074	1.58 1.18

Undesired		Total IX		Unique IX		Prcnt Unique IX
WOUB-TV D32 DT BL	20.2	848	20.2	848	0.61	0.20
WHP-TV D32 DT BL	4.0	72	4.0	72	0.12	0.02
WKHU-CD D32 DC BL	28.2	4,105	28.2	4,105	0.85	0.96

Interference to proposal, scenario 15
1.18% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	CP	CHARLOTTESVILLE, VA	BLANK0000025088	267.3
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area		Terrain-limited		IX-free		Percent IX
3676.2	514,819	3317.4	427,099	3265.0	422,074	1.58 1.18

Undesired		Total IX		Unique IX		Prcnt Unique IX
WOUB-TV D32 DT BL	20.2	848	20.2	848	0.61	0.20
WHP-TV D32 DT BL	4.0	72	4.0	72	0.12	0.02
WKHU-CD D32 DC BL	28.2	4,105	28.2	4,105	0.85	0.96

Interference to proposal, scenario 16
1.18% interference

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMVH-CD	D32	DC	BL	CHARLEROI, PA	WMVH_PROPOSED08	
Undesireds:	WYTV	D31	DT	BL	YOUNGSTOWN, OH	DTVBL4693	121.6 km
	WATM-TV	D31	DT	BL	ALTOONA, PA	DTVBL20287	132.6
	WOUB-TV	D32	DT	BL	ATHENS, OH	DTVBL50147	212.6
	WOCB-CD	D32	DC	BL	MARION, OH	DTVBL9939	268.6
	WHP-TV	D32	DT	BL	HARRISBURG, PA	DTVBL72313	258.0
	WKHU-CD	D32	DC	BL	KITTANNING, PA	DTVBL68401	80.0
	WCAV	D32	DT	BL	CHARLOTTESVILLE, VA	DTVBL363	267.3
	WFMJ-TV	D33	DT	BL	YOUNGSTOWN, OH	DTVBL72062	123.5

Service area		Terrain-limited		IX-free		Percent IX
3676.2	514,819	3317.4	427,099	3265.0	422,074	1.58 1.18

Undesired		Total IX		Unique IX		Prcnt Unique IX
WOUB-TV D32 DT BL	20.2	848	20.2	848	0.61	0.20
WHP-TV D32 DT BL	4.0	72	4.0	72	0.12	0.02
WKHU-CD D32 DC BL	28.2	4,105	28.2	4,105	0.85	0.96

EXHIBIT 2

ENVIRONMENTAL STATEMENT

The proposed facility complies in full with the requirements of 47 C.F.R. Section 1.1306 and will have no significant environmental impact. Population is very scattered and sparse near the immediate location of the proposed site. The proposed site does not involve any of the conditions specified in Section 1.1307(a)(1)-(6) of the Rules.

The facility of WMVH-CD has been studied in accordance with the procedures set forth in the FCC OET Bulletin No. 65 "Evaluating Compliance With FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", Edition 97-01, and has been found to comply with the limits set forth in Section 1.1310 of the Rules. This determination has been based upon calculations with the total radiated power from all TV & FM co-located broadcast emitters. The total exposure as defined by the ANSI standard computations for occupational/controlled area is **0.01 %** of the maximum. The total exposure as defined by the ANSI standard computations for general population/uncontrolled area is **0.06 %** of the maximum. The proposed facility is in compliance with the Commission's guidelines.

Multiple Use FM/TV Tower						
Location:		WMVH-CD - Charleroi, PA				6/30/2017
Channel Frequency Type	Call Letters	Service	ERP (W) H+V	Ant Center of Radiation AG (m)	% of ANSI/FCC Limit (6min)	% of ANSI/FCC Limit (30 min)
32	WMVH-CD	TV UHF#1	4,650	83.00	0.01	0.06
Total %					0.01	0.06
IN COMPLIANCE						

The Applicant agrees to maintain full compliance with the safety precautions to workers on the tower (controlled) and the general public (uncontrolled) by reducing or removing radiated power during the time of construction or maintenance on or near the antenna. 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

The Applicant is believed to be in full compliance with the Environmental Impact and Commission Rules.

EXHIBIT 3

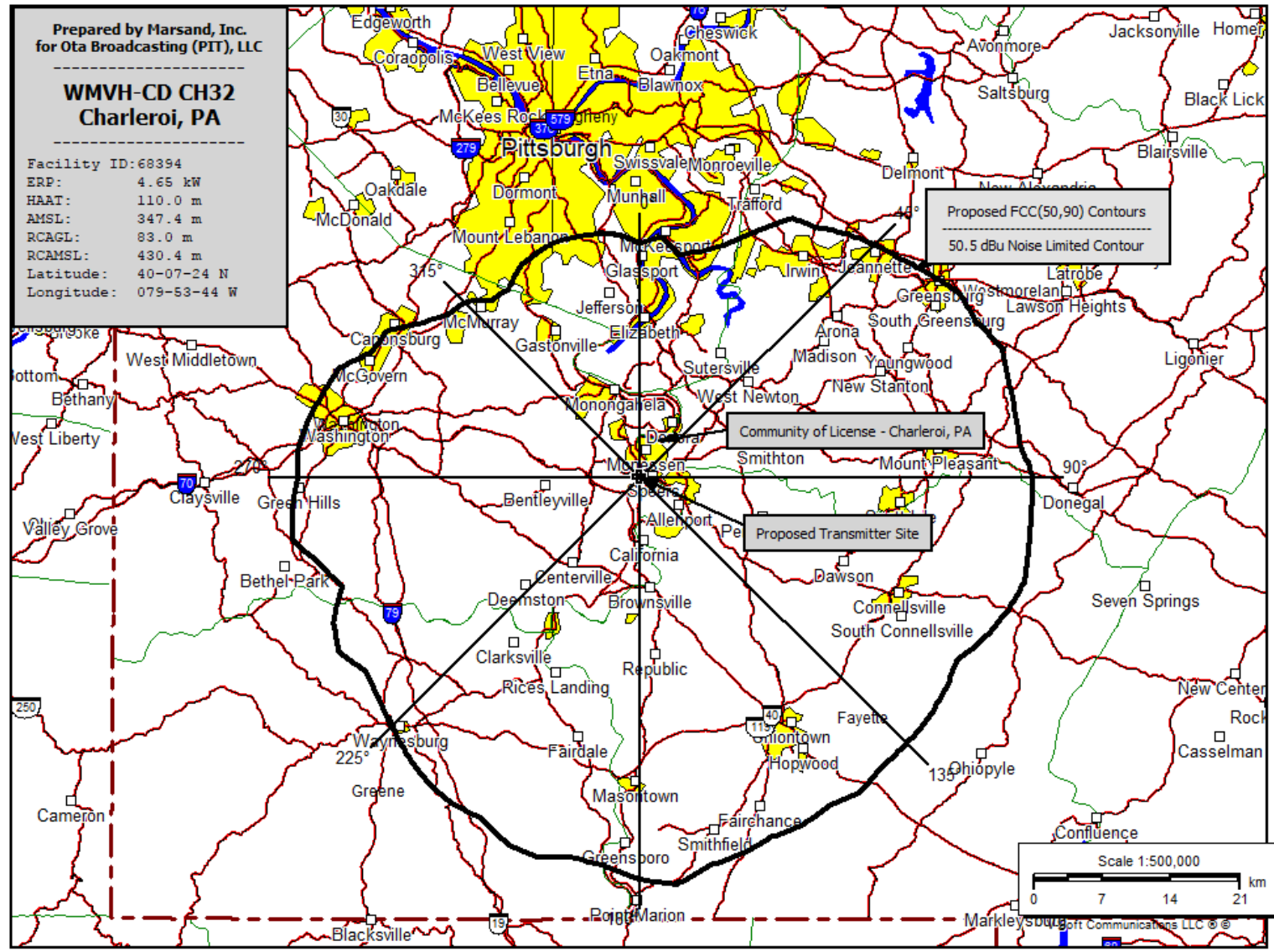




EXHIBIT 4



ANTENNA SPECIFICATIONS

ALIVETELE.COM
SPEC GENERATOR

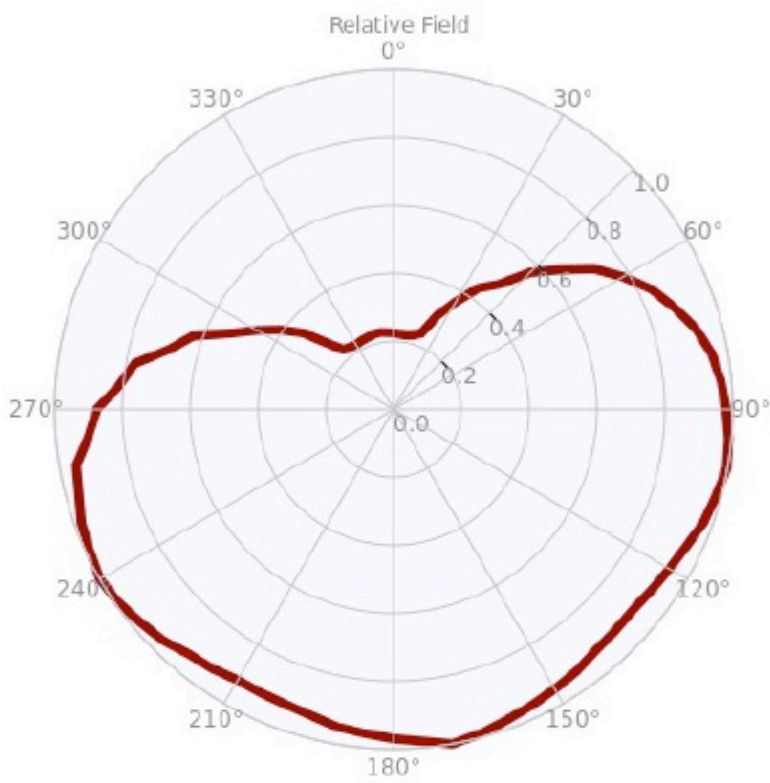
model no.: ATC-BCH48UA-32

call sign: WMVH

city of license: Charleston

state: PA

Horizontal Azimuth Pattern





ANTENNA SPECIFICATIONS

model no.: ATC-BCH48UA-32

call sign: WMVH

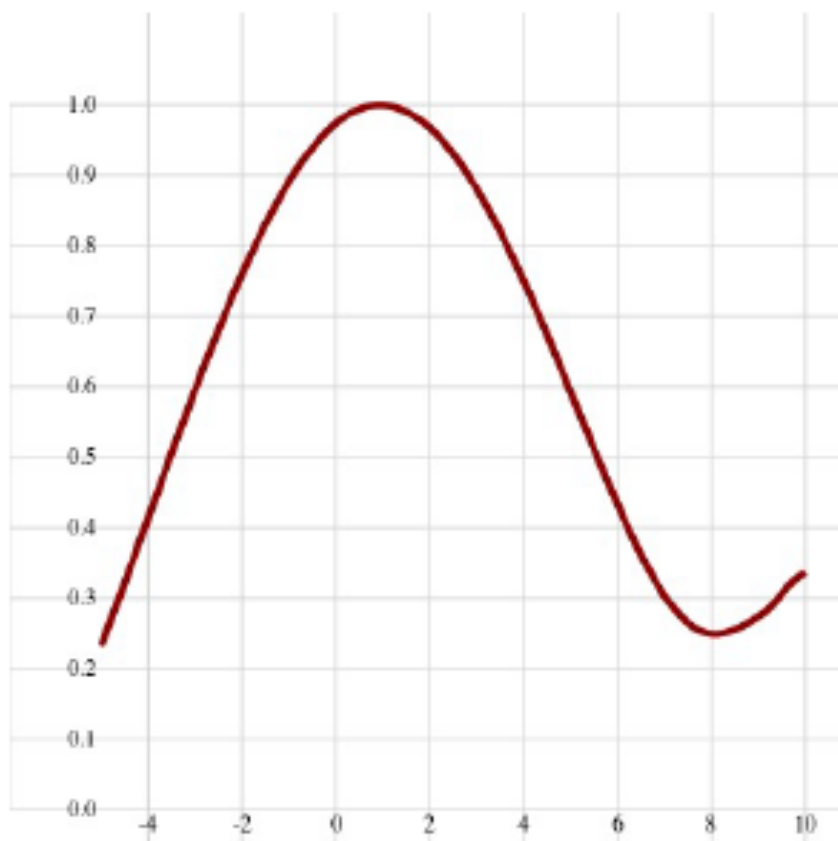
city of license: Charlotte

state: PA



ALIVETELE.COM
SPEC GENERATOR

Elevation pattern -5 to 10





ANTENNA SPECIFICATIONS

model no.: ATC-BC148UA-32

cell sign: WMVH

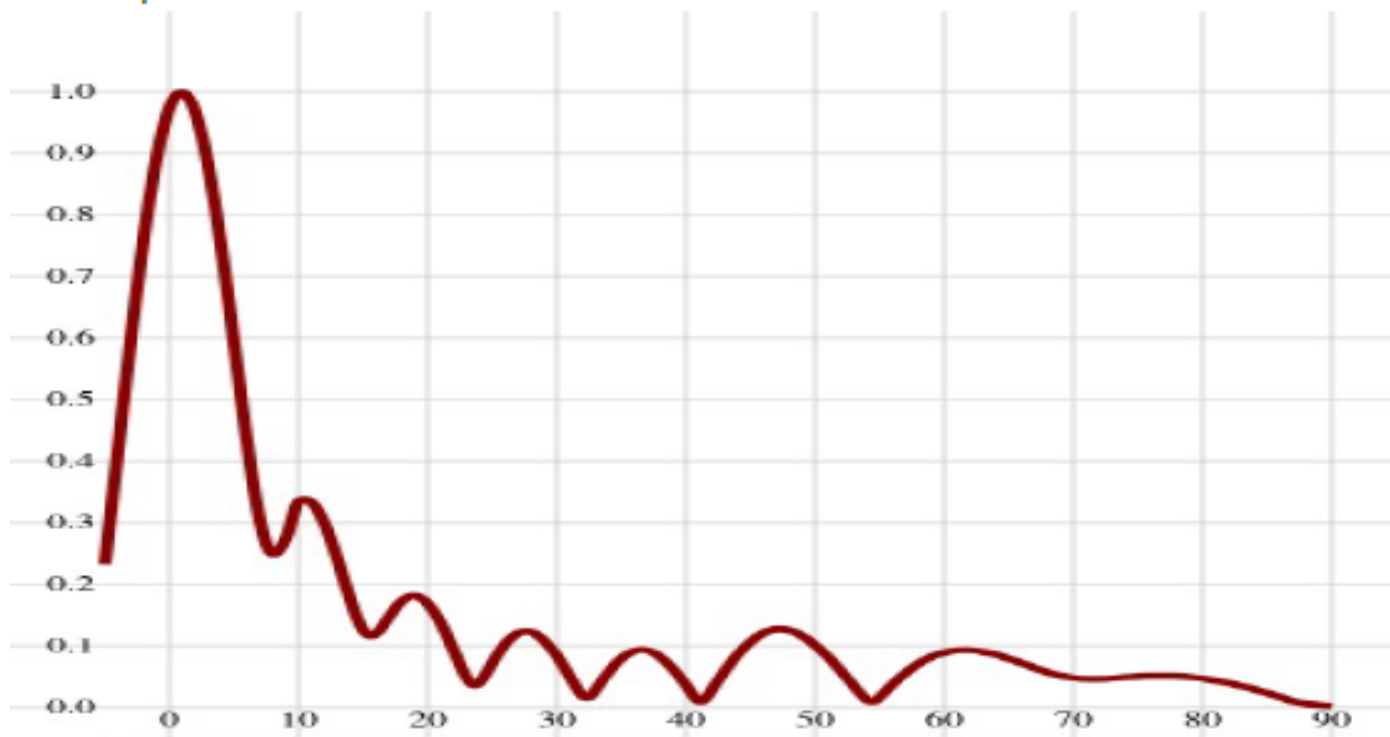
city of license: Charlotte

state: PA



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SPEC GENERATOR

Elevation pattern -5 to 90





ANTENNA SPECIFICATIONS

ALIVETELE.COM
SPEC GENERATOR

model no.: ATC-BCH48UA-32

call sign: WMVH

city of license: Charlerio

state: PA

Azimuth Horizontal Pattern Tabulation

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
0°	0.225	-12.96	90°	0.980	-0.18	180°	0.970	-0.26	270°	0.875	-1.16
2°	0.224	-13.00	92°	0.985	-0.13	182°	0.965	-0.31	272°	0.850	-1.41
4°	0.222	-13.07	94°	0.990	-0.09	184°	0.960	-0.35	274°	0.825	-1.67
6°	0.221	-13.11	96°	0.995	-0.04	186°	0.955	-0.40	276°	0.800	-1.94
8°	0.220	-13.15	98°	0.999	-0.01	188°	0.951	-0.44	278°	0.781	-2.15
10°	0.220	-13.15	100°	1.000	0.00	190°	0.950	-0.45	280°	0.775	-2.21
12°	0.222	-13.07	102°	0.994	-0.05	192°	0.944	-0.50	282°	0.739	-2.63
14°	0.225	-12.96	104°	0.988	-0.10	194°	0.938	-0.56	284°	0.702	-3.07
16°	0.228	-12.84	106°	0.981	-0.17	196°	0.931	-0.62	286°	0.666	-3.53
18°	0.229	-12.80	108°	0.977	-0.20	198°	0.927	-0.66	288°	0.639	-3.89
20°	0.230	-12.77	110°	0.975	-0.22	200°	0.925	-0.68	290°	0.630	-4.01
22°	0.260	-11.70	112°	0.966	-0.30	202°	0.924	-0.69	292°	0.590	-4.58
24°	0.290	-10.75	114°	0.958	-0.37	204°	0.922	-0.71	294°	0.550	-5.19
26°	0.320	-9.90	116°	0.949	-0.45	206°	0.921	-0.71	296°	0.510	-5.85
28°	0.342	-9.32	118°	0.942	-0.52	208°	0.920	-0.72	298°	0.480	-6.38
30°	0.350	-9.12	120°	0.940	-0.54	210°	0.920	-0.72	300°	0.465	-6.65
32°	0.380	-8.40	122°	0.935	-0.58	212°	0.925	-0.68	302°	0.440	-7.13
34°	0.410	-7.74	124°	0.930	-0.63	214°	0.930	-0.63	304°	0.410	-7.74
36°	0.440	-7.13	126°	0.925	-0.68	216°	0.935	-0.58	306°	0.380	-8.40
38°	0.462	-6.71	128°	0.921	-0.71	218°	0.939	-0.55	308°	0.365	-8.75
40°	0.470	-6.56	130°	0.920	-0.72	220°	0.940	-0.54	310°	0.350	-9.12
42°	0.510	-5.85	132°	0.921	-0.71	222°	0.949	-0.45	312°	0.320	-9.90
44°	0.550	-5.19	134°	0.922	-0.71	224°	0.958	-0.37	314°	0.290	-10.75
46°	0.590	-4.58	136°	0.924	-0.69	226°	0.966	-0.30	316°	0.260	-11.70
48°	0.620	-4.15	138°	0.925	-0.68	228°	0.973	-0.24	318°	0.238	-12.47
50°	0.630	-4.01	140°	0.925	-0.68	230°	0.975	-0.22	320°	0.230	-12.77
52°	0.666	-3.53	142°	0.931	-0.62	232°	0.981	-0.17	322°	0.228	-12.84
54°	0.702	-3.07	144°	0.938	-0.56	234°	0.988	-0.10	324°	0.225	-12.96
56°	0.739	-2.63	146°	0.944	-0.50	236°	0.994	-0.05	326°	0.222	-13.07
58°	0.766	-2.32	148°	0.948	-0.46	238°	0.998	-0.02	328°	0.221	-13.11
60°	0.775	-2.21	150°	0.950	-0.45	240°	1.000	0.00	330°	0.220	-13.15
62°	0.800	-1.94	152°	0.955	-0.40	242°	0.995	-0.04	332°	0.221	-13.11
64°	0.825	-1.67	154°	0.960	-0.35	244°	0.990	-0.09	334°	0.222	-13.07
66°	0.850	-1.41	156°	0.965	-0.31	246°	0.985	-0.13	336°	0.224	-13.00
68°	0.869	-1.22	158°	0.969	-0.27	248°	0.981	-0.17	338°	0.225	-12.96
70°	0.875	-1.16	160°	0.970	-0.26	250°	0.980	-0.18	340°	0.225	-12.96
72°	0.894	-0.97	162°	0.978	-0.19	252°	0.972	-0.25	342°	0.226	-12.92
74°	0.912	-0.80	164°	0.985	-0.13	254°	0.965	-0.31	344°	0.228	-12.84
76°	0.931	-0.62	166°	0.992	-0.07	256°	0.958	-0.37	346°	0.229	-12.80
78°	0.945	-0.49	168°	0.998	-0.02	258°	0.952	-0.43	348°	0.230	-12.77
80°	0.950	-0.45	170°	1.000	0.00	260°	0.950	-0.45	350°	0.230	-12.77
82°	0.958	-0.37	172°	0.992	-0.07	262°	0.931	-0.62	352°	0.229	-12.80
84°	0.965	-0.31	174°	0.985	-0.13	264°	0.912	-0.80	354°	0.228	-12.84
86°	0.972	-0.25	176°	0.978	-0.19	266°	0.894	-0.97	356°	0.226	-12.92
88°	0.978	-0.19	178°	0.974	-0.23	268°	0.880	-1.11	358°	0.225	-12.96



ANTENNA SPECIFICATIONS

ALIVETELE.COM
SPEC GENERATOR

model no.: ATC-BCH48UA-32

call sign: WMVH

city of license: Charlerio

state: PA

Azimuth Pattern Tabulation, FCC

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
0°	0.225	-12.96	90°	0.980	-0.18	180°	0.970	-0.26	270°	0.875	-1.16
10°	0.220	-13.15	100°	1.000	0.00	190°	0.950	-0.45	280°	0.775	-2.21
20°	0.230	-12.77	110°	0.975	-0.22	200°	0.925	-0.68	290°	0.630	-4.01
30°	0.350	-9.12	120°	0.940	-0.54	210°	0.920	-0.72	300°	0.465	-6.65
40°	0.470	-6.56	130°	0.920	-0.72	220°	0.940	-0.54	310°	0.350	-9.12
50°	0.630	-4.01	140°	0.925	-0.68	230°	0.975	-0.22	320°	0.230	-12.77
60°	0.775	-2.21	150°	0.950	-0.45	240°	1.000	0.00	330°	0.220	-13.15
70°	0.875	-1.16	160°	0.970	-0.26	250°	0.980	-0.18	340°	0.225	-12.96
80°	0.950	-0.45	170°	1.000	0.00	260°	0.950	-0.45	350°	0.230	-12.77



ANTENNA SPECIFICATIONS

ALIVETELE.COM
SPEC GENERATOR

model no.: ATC-BCH48UA-32

call sign: WMVH

city of license: Charlerio

state: PA

Elevation Pattern Tabulation

-5 to 10 in 0.25 increments, 10 to 90 in 0.50 increments

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-5.00	0.232	-12.69	8.75	0.263	-11.60	35.00	0.080	-21.94	62.50	0.092	-20.72
-4.75	0.277	-11.15	9.00	0.273	-11.28	35.50	0.087	-21.21	63.00	0.090	-20.92
-4.50	0.322	-9.84	9.25	0.284	-10.93	36.00	0.092	-20.72	63.50	0.088	-21.11
-4.25	0.368	-8.68	9.50	0.307	-10.26	36.50	0.094	-20.54	64.00	0.086	-21.31
-4.00	0.413	-7.68	9.75	0.325	-9.76	37.00	0.093	-20.63	64.50	0.082	-21.72
-3.75	0.460	-6.74	10.00	0.336	-9.47	37.50	0.089	-21.01	65.00	0.079	-22.05
-3.50	0.506	-5.92	10.50	0.340	-9.37	38.00	0.082	-21.72	65.50	0.075	-22.50
-3.25	0.551	-5.18	11.00	0.334	-9.53	38.50	0.073	-22.73	66.00	0.072	-22.85
-3.00	0.596	-4.50	11.50	0.321	-9.87	39.00	0.063	-24.01	66.50	0.068	-23.35
-2.75	0.639	-3.89	12.00	0.300	-10.46	39.50	0.050	-26.02	67.00	0.064	-23.88
-2.50	0.681	-3.34	12.50	0.273	-11.28	40.00	0.036	-28.87	67.50	0.060	-24.44
-2.25	0.722	-2.83	13.00	0.242	-12.32	40.50	0.021	-33.56	68.00	0.057	-24.88
-2.00	0.760	-2.38	13.50	0.208	-13.64	41.00	0.006	-44.44	68.50	0.054	-25.35
-1.75	0.797	-1.97	14.00	0.175	-15.14	41.50	0.012	-38.42	69.00	0.051	-25.85
-1.50	0.831	-1.61	14.50	0.145	-16.77	42.00	0.028	-31.06	69.50	0.049	-26.20
-1.25	0.862	-1.29	15.00	0.123	-18.20	42.50	0.044	-27.13	70.00	0.048	-26.38
-1.00	0.891	-1.00	15.50	0.114	-18.86	43.00	0.059	-24.58	70.50	0.046	-26.74
-0.75	0.917	-0.75	16.00	0.118	-18.56	43.50	0.073	-22.73	71.00	0.046	-26.74
-0.50	0.939	-0.55	16.50	0.130	-17.72	44.00	0.086	-21.31	71.50	0.046	-26.74
-0.25	0.958	-0.37	17.00	0.147	-16.65	44.50	0.097	-20.26	72.00	0.046	-26.74
0.00	0.974	-0.23	17.50	0.162	-15.81	45.00	0.107	-19.41	72.50	0.046	-26.74
0.25	0.986	-0.12	18.00	0.173	-15.24	45.50	0.115	-18.79	73.00	0.047	-26.56
0.50	0.994	-0.05	18.50	0.180	-14.89	46.00	0.121	-18.34	73.50	0.048	-26.38
0.75	0.999	-0.01	19.00	0.182	-14.80	46.50	0.125	-18.06	74.00	0.049	-26.20
1.00	1.000	0.00	19.50	0.178	-14.99	47.00	0.127	-17.92	74.50	0.049	-26.20
1.25	0.997	-0.03	20.00	0.169	-15.44	47.50	0.127	-17.92	75.00	0.050	-26.02
1.50	0.990	-0.09	20.50	0.156	-16.14	48.00	0.125	-18.06	75.50	0.051	-25.85
1.75	0.981	-0.17	21.00	0.138	-17.20	48.50	0.122	-18.27	76.00	0.051	-25.85
2.00	0.967	-0.29	21.50	0.117	-18.64	49.00	0.116	-18.71	76.50	0.051	-25.85
2.25	0.951	-0.44	22.00	0.093	-20.63	49.50	0.110	-19.17	77.00	0.051	-25.85
2.50	0.931	-0.62	22.50	0.069	-23.22	50.00	0.101	-19.91	77.50	0.051	-25.85
2.75	0.907	-0.85	23.00	0.047	-26.56	50.50	0.092	-20.72	78.00	0.051	-25.85
3.00	0.881	-1.10	23.50	0.033	-29.63	51.00	0.082	-21.72	78.50	0.050	-26.02
3.25	0.852	-1.39	24.00	0.037	-28.64	51.50	0.071	-22.97	79.00	0.049	-26.20
3.50	0.820	-1.72	24.50	0.054	-25.35	52.00	0.059	-24.58	79.50	0.048	-26.38
3.75	0.786	-2.09	25.00	0.072	-22.85	52.50	0.047	-26.56	80.00	0.047	-26.56
4.00	0.750	-2.50	25.50	0.089	-21.01	53.00	0.034	-29.37	80.50	0.045	-26.94
4.25	0.713	-2.94	26.00	0.104	-19.66	53.50	0.022	-33.15	81.00	0.043	-27.33
4.50	0.674	-3.43	26.50	0.114	-18.86	54.00	0.011	-39.17	81.50	0.041	-27.74
4.75	0.634	-3.96	27.00	0.121	-18.34	54.50	0.007	-43.10	82.00	0.039	-28.18
5.00	0.593	-4.54	27.50	0.124	-18.13	55.00	0.016	-35.92	82.50	0.037	-28.64
5.25	0.552	-5.16	28.00	0.123	-18.20	55.50	0.027	-31.37	83.00	0.034	-29.37
5.50	0.512	-5.81	28.50	0.118	-18.56	56.00	0.037	-28.64	83.50	0.032	-29.90
5.75	0.472	-6.52	29.00	0.109	-19.25	56.50	0.047	-26.56	84.00	0.029	-30.75
6.00	0.433	-7.27	29.50	0.098	-20.18	57.00	0.056	-25.04	84.50	0.026	-31.70
6.25	0.396	-8.05	30.00	0.084	-21.51	57.50	0.064	-23.88	85.00	0.023	-32.77
6.50	0.361	-8.85	30.50	0.068	-23.35	58.00	0.071	-22.97	85.50	0.020	-33.98
6.75	0.330	-9.63	31.00	0.050	-26.02	58.50	0.077	-22.27	86.00	0.017	-35.39
7.00	0.303	-10.37	31.50	0.032	-29.90	59.00	0.082	-21.72	86.50	0.013	-37.72
7.25	0.281	-11.03	32.00	0.016	-35.92	59.50	0.086	-21.31	87.00	0.010	-40.00
7.50	0.264	-11.57	32.50	0.013	-37.72	60.00	0.089	-21.01	87.50	0.007	-43.10
7.75	0.253	-11.94	33.00	0.028	-31.06	60.50	0.091	-20.82	88.00	0.006	-44.44
8.00	0.248	-12.11	33.50	0.043	-27.33	61.00	0.093	-20.63	88.50	0.005	-46.02
8.25	0.249	-12.08	34.00	0.057	-24.88	61.50	0.093	-20.63	89.00	0.004	-47.96
8.50	0.255	-11.87	34.50	0.070	-23.10	62.00	0.093	-20.63	89.50	0.003	-50.46
8.75	0.263	-11.60	35.00	0.080	-21.94	62.50	0.092	-20.72	90.00	0.002	-53.98