ENGINEERING NARRATIVE

IN SUPPORT OF APPLICATION FOR CONSTRUCTION PERMIT

FOR INCENTIVE AUCTION REASSIGNMENT CHANNEL

Prepared for

TRIPLE J COMMUNITY BROADCASTING, LLC

WYLN-LP CH 26 Facility ID 68135 4.55 kW DA RC 602 M AMSL

HAZELTON, PENNSYLVANIA

Summary

Triple J Community Broadcasting, LLC ("TJCB") specifies herein its post-auction CH 26 transmission facilities. The proposed facility is based on continued operation from the licensed site and antenna RC on FCC Tower Registration #1060097 which is a tower owned by TJCB with no other TV and two FM translator licenses. The licensed Scala CH 35 directional antenna has been in place since 1995 and is being replaced. The replacement antenna is the same model and horizontal plane radiation pattern, aperture and RC AMSL but designed for CH 26. The CH 26 antenna will be a Kathrein Scala 4DR-16-2HW 2 x 4 array of panels which are horizontally polarized. The community boundary for Hazelton, Pennsylvania is located inside the 50.0 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 Kathrein Scala 4DR-16-2HW 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 4.55 kilowatts. The antenna radiation center is 29 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 8.33 uW/cm squared. This value is 2.3% 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 12:13:41

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

    Proposal: WYLN-LP D26 DC BL HAZLETON, PA
 File number: DTVBL68135
 Facility ID: 68135
Station data: LMS TV 2017-06-21 (6)
   Record ID: DTVBL68135
     Country: U.S.

Non-U.S. records included

Stations potentially affected:

Call      Chan  Svc Status  City, State              File Number            Distance
WNUV      D25   DT  BL      BALTIMORE, MD            DTVBL7933              190.8 km
WWOR-TV   D25   DT  BL      SECAUCUS, NJ             DTVBL74197             167.5
WSKA      D25   DT  BL      CORNING, NY              DTVBL78908             160.2
```

WMHT	D25	DT	BL	SCHENECTADY, NY	DTVBL73263	244.7
WGGB-TV	D26	DT	CP	SPRINGFIELD, MA	BLANK0000024834	309.1
WGGB-TV	D26	DT	BL	SPRINGFIELD, MA	DTVBL25682	309.1
WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	167.5
WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	167.5
WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
WFXP	D26	DT	BL	ERIE, PA	DTVBL19707	362.4
WHTJ	D26	DT	BL	CHARLOTTESVILLE, VA	DTVBL9990	396.4
WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
WMAR-TV	D27	DT	BL	BALTIMORE, MD	DTVBL59442	191.0
WPSJ-CD	D27	DC	CP	HAMMONTON, NJ	BLANK0000024931	167.1
WPSJ-CD	D27	DC	BL	HAMMONTON, NJ	DTVBL167543	167.1
WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3
WNYW	D27	DT	BL	NEW YORK, NY	DTVBL22206	167.5
CJMT-DT	D26	DT	LIC	TORONTO, ON	BLANKCANADA236	409.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D26
       Mask: Full Service
   Latitude:  40 58  9.90 N (NAD83)
  Longitude:  75 57 22.92 W
Height AMSL: 602.0 m
       HAAT: 160.6 m
   Peak ERP: 4.55 kW
    Antenna: SCA-4DR-16-2HW (ID 20732) 275.0 deg
```

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.73 kW	201.3 m	42.3 km
45.0	0.002	100.8	6.8
90.0	0.002	167.7	8.7
135.0	0.002	156.7	8.5
180.0	1.83	143.3	36.8
225.0	4.40	92.2	36.9
270.0	4.35	154.6	41.9
315.0	3.89	257.0	47.2

Database HAAT does not agree with computed HAAT
Database HAAT: 161 m Computed HAAT: 159 m

Distance to Canadian border: 303.8 km

Distance to Mexican border: 2548.3 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 200.4 degrees Distance: 213.6 km
ERP: 3.47 kW Field strength: -2.6 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 277.6 degrees Distance: 2461.6 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%

No IX check failures found.

OET-69 Bulletin, tvix Study

```
tvstudy v2.2.2
Database: 127.0.0.1,  Study: DTVBL68135 (258),  Model: Longley-Rice
Start: 2017.07.08 12:14:36

Study created: 2017.07.08 12:13:41

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

    Proposal: WYLN-LP D26 DC BL HAZLETON, PA
 File number: DTVBL68135
 Facility ID: 68135
Station data: LMS TV 2017-06-21 (6)
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Non-U.S. records included

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```

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WWOR-TV	D25	DT	BL	SECAUCUS, NJ	DTVBL74197	167.5
WSKA	D25	DT	BL	CORNING, NY	DTVBL78908	160.2
WMHT	D25	DT	BL	SCHENECTADY, NY	DTVBL73263	244.7
WGGB-TV	D26	DT	CP	SPRINGFIELD, MA	BLANK0000024834	309.1
WGGB-TV	D26	DT	BL	SPRINGFIELD, MA	DTVBL25682	309.1
WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	167.5
WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	167.5
WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
WFXP	D26	DT	BL	ERIE, PA	DTVBL19707	362.4
WHTJ	D26	DT	BL	CHARLOTTESVILLE, VA	DTVBL9990	396.4
WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
WMAR-TV	D27	DT	BL	BALTIMORE, MD	DTVBL59442	191.0
WPSJ-CD	D27	DC	CP	HAMMONTON, NJ	BLANK0000024931	167.1
WPSJ-CD	D27	DC	BL	HAMMONTON, NJ	DTVBL167543	167.1
WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3
WNYW	D27	DT	BL	NEW YORK, NY	DTVBL22206	167.5
CJMT-DT	D26	DT	LIC	TORONTO, ON	BLANKCANADA236	409.6

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90.0	0.002	167.7	8.7
135.0	0.002	156.7	8.5
180.0	1.83	143.3	36.8
225.0	4.40	92.2	36.9
270.0	4.35	154.6	41.9
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ERP: 3.47 kW Field strength: -2.6 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 277.6 degrees Distance: 2461.6 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 DTVBL7933 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL7933 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL74197 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL74197 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL74197 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL74197 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL78908 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL73263 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL73263 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL73263 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL73263 BL, scenario 4
Proposal causes no interference.

Interference to BLANK0000024834 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000024834 CP, scenario 2
Proposal causes no interference.

Interference to DTVBL25682 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL25682 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL10758 BL, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	
Undesireds:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	190.8 km
	WNUV	D25	DT	BL	BALTIMORE, MD	DTVBL7933	0.0
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	227.3
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	165.2
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	275.7
	WHTJ	D26	DT	BL	CHARLOTTESVILLE, VA	DTVBL9990	219.0
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	150.8
	WMAR-TV	D27	DT	BL	BALTIMORE, MD	DTVBL59442	0.2
	WPSJ-CD	D27	DC	CP	HAMMONTON, NJ	BLANK0000024931	160.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26269.8	8,509,757	25476.7	8,370,209	24716.1	8,171,312	24704.0	8,169,937	0.05	0.02

Undesired		Total IX		Unique IX, before		Unique IX, after	
WYLN-LP D26 DC BL	40.4	4,236				12.1	1,375
WGPT D26 DT BL	84.4	10,355		20.1	3,513	20.1	3,513

WQAV-CD D26 DC BL	59.6	12,899	47.5	11,729	47.5	11,729	
WFUT-DT D26 DT CP	40.4	9,202	8.1	1,848	8.1	1,848	
WHTJ D26 DT BL	356.9	99,832	208.7	72,853	200.6	71,892	
WAZW-CD D26 DC BL	363.8	81,942	215.7	57,690	215.7	57,690	
WMAR-TV D27 DT BL	100.3	23,035	92.4	22,349	92.4	22,349	

Interference to DTVBL10758 BL, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	
Undesireds:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	190.8 km
	WNUV	D25	DT	BL	BALTIMORE, MD	DTVBL7933	0.0
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	227.3
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	165.2
	WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	275.7
	WHTJ	D26	DT	BL	CHARLOTTESVILLE, VA	DTVBL9990	219.0
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	150.8
	WMAR-TV	D27	DT	BL	BALTIMORE, MD	DTVBL59442	0.2
	WPSJ-CD	D27	DC	CP	HAMMONTON, NJ	BLANK0000024931	160.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26269.8	8,509,757	25476.7	8,370,209	24708.0	8,170,811	24699.9	8,169,838	0.03	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
WYLN-LP D26 DC BL	40.4	4,236				8.1	973
WGPT D26 DT BL	84.4	10,355	20.1	3,513	20.1	3,513	
WQAV-CD D26 DC BL	59.6	12,899	47.5	11,729	47.5	11,729	
WFUT-DT D26 DT BL	56.5	10,698	16.1	2,349	12.1	1,947	
WHTJ D26 DT BL	356.9	99,832	204.6	72,124	196.6	71,163	
WAZW-CD D26 DC BL	363.8	81,942	215.7	57,690	215.7	57,690	
WMAR-TV D27 DT BL	100.3	23,035	92.4	22,349	92.4	22,349	

Interference to DTVBL10758 BL, scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	
Undesireds:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	190.8 km
	WNUV	D25	DT	BL	BALTIMORE, MD	DTVBL7933	0.0
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	227.3
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	165.2
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	275.7

	WHTJ	D26	DT	BL	CHARLOTTESVILLE, VA	DTVBL9990	219.0
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	150.8
	WMAR-TV	D27	DT	BL	BALTIMORE, MD	DTVBL59442	0.2
	WPSJ-CD	D27	DC	BL	HAMMONTON, NJ	DTVBL167543	160.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26269.8	8,509,757	25476.7	8,370,209	24716.1	8,171,312	24704.0	8,169,937	0.05	0.02

Undesired		Total IX		Unique IX, before		Unique IX, after	
WYLN-LP D26 DC BL	40.4	4,236				12.1	1,375
WGPT D26 DT BL	84.4	10,355	20.1	3,513		20.1	3,513
WQAV-CD D26 DC BL	59.6	12,899	47.5	11,729		47.5	11,729
WFUT-DT D26 DT CP	40.4	9,202	8.1	1,848		8.1	1,848
WHTJ D26 DT BL	356.9	99,832	208.7	72,853		200.6	71,892
WAZW-CD D26 DC BL	363.8	81,942	215.7	57,690		215.7	57,690
WMAR-TV D27 DT BL	100.3	23,035	92.4	22,349		92.4	22,349

Interference to DTVBL10758 BL, scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	
Undesireds:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	190.8 km
	WNUV	D25	DT	BL	BALTIMORE, MD	DTVBL7933	0.0
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	227.3
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	165.2
	WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	275.7
	WHTJ	D26	DT	BL	CHARLOTTESVILLE, VA	DTVBL9990	219.0
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	150.8
	WMAR-TV	D27	DT	BL	BALTIMORE, MD	DTVBL59442	0.2
	WPSJ-CD	D27	DC	BL	HAMMONTON, NJ	DTVBL167543	160.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26269.8	8,509,757	25476.7	8,370,209	24708.0	8,170,811	24699.9	8,169,838	0.03	0.01

Undesired		Total IX		Unique IX, before		Unique IX, after	
WYLN-LP D26 DC BL	40.4	4,236				8.1	973
WGPT D26 DT BL	84.4	10,355	20.1	3,513		20.1	3,513
WQAV-CD D26 DC BL	59.6	12,899	47.5	11,729		47.5	11,729
WFUT-DT D26 DT BL	56.5	10,698	16.1	2,349		12.1	1,947
WHTJ D26 DT BL	356.9	99,832	204.6	72,124		196.6	71,163
WAZW-CD D26 DC BL	363.8	81,942	215.7	57,690		215.7	57,690
WMAR-TV D27 DT BL	100.3	23,035	92.4	22,349		92.4	22,349

Interference to DTVBL40619 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL40619 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL191822 BL, scenario 8
Proposal causes no interference.

Interference to BLANK0000025093 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000025093 CP, scenario 2
Proposal causes no interference.

Interference to BLANK0000025093 CP, scenario 3
Proposal causes no interference.

Interference to BLANK0000025093 CP, scenario 4
Proposal causes no interference.

Interference to DTVBL60555 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL60555 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL60555 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL60555 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL58739 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL62136 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL62136 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL62136 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL62136 BL, scenario 4

Proposal causes no interference.

Interference to DTVBL19707 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL19707 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL9990 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL168449 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL168449 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL59442 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL59442 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL59442 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL59442 BL, scenario 4
Proposal causes no interference.

Interference to BLANK0000024931 CP, scenario 1
Proposal causes no interference.

Interference to BLANK0000024931 CP, scenario 2
Proposal causes no interference.

Interference to DTVBL167543 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL167543 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 8
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 9
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 10
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 11
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 12
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 13
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 14
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 15
Proposal causes no interference.

Interference to DTVBL11260 BL, scenario 16
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 2
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 3
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 4
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 5
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 6
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 7
Proposal causes no interference.

Interference to DTVBL22206 BL, scenario 8
Proposal causes no interference.

Interference to BLANKCANADA236 LIC, scenario 1
Proposal causes no interference.

Interference to proposal, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	CP	SPRINGFIELD, MA	BLANK0000024834	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	12.2	61	0.53	0.04
WFUT-DT D26 DT CP	4.0	61	0.0	0	0.00	0.00

Interference to proposal, scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	BL	SPRINGFIELD, MA	DTVBL25682	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	12.2	61	0.53	0.04
WFUT-DT D26 DT CP	4.0	61	0.0	0	0.00	0.00

Interference to proposal, scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	CP	SPRINGFIELD, MA	BLANK0000024834	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	4.1	0	0.18	0.00
WFUT-DT D26 DT BL	12.1	122	0.0	0	0.00	0.00

Interference to proposal, scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	BL	SPRINGFIELD, MA	DTVBL25682	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	4.1	0	0.18	0.00
WFUT-DT D26 DT BL	12.1	122	0.0	0	0.00	0.00

Interference to proposal, scenario 5

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	CP	SPRINGFIELD, MA	BLANK0000024834	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	12.2	61	0.53	0.04
WFUT-DT D26 DT CP	4.0	61	0.0	0	0.00	0.00

Interference to proposal, scenario 6

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	BL	SPRINGFIELD, MA	DTVBL25682	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000025093	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	12.2	61	0.53	0.04
WFUT-DT D26 DT CP	4.0	61	0.0	0	0.00	0.00

Interference to proposal, scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	CP	SPRINGFIELD, MA	BLANK0000024834	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	4.1	0	0.18	0.00
WFUT-DT D26 DT BL	12.1	122	0.0	0	0.00	0.00

Interference to proposal, scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYLN-LP	D26	DC	BL	HAZLETON, PA	DTVBL68135	
Undesireds:	WGGB-TV	D26	DT	BL	SPRINGFIELD, MA	DTVBL25682	309.1 km
	WBFF	D26	DT	BL	BALTIMORE, MD	DTVBL10758	190.8
	WGPT	D26	DT	BL	OAKLAND, MD	DTVBL40619	332.5
	WQAV-CD	D26	DC	BL	GLASSBORO, NJ	DTVBL191822	187.7
	WFUT-DT	D26	DT	BL	NEWARK, NJ	DTVBL60555	167.5
	WGCE-CD	D26	DC	BL	ROCHESTER, NY	DTVBL58739	285.5
	WPBS-DT	D26	DT	BL	WATERTOWN, NY	DTVBL62136	322.2
	WAZW-CD	D26	DC	BL	WOODSTOCK, VA	DTVBL168449	301.3
	WIVT	D27	DT	BL	BINGHAMTON, NY	DTVBL11260	121.3

Service area		Terrain-limited		IX-free		Percent IX	
3456.4	401,321	2281.9	159,395	2265.7	159,273	0.71	0.08

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBFF D26 DT BL	16.1	122	4.1	0	0.18	0.00
WFUT-DT D26 DT BL	12.1	122	0.0	0	0.00	0.00

Coverage Baseline for Post -Auction Table of Allotments

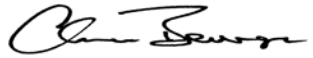
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68135	BLANK0000001520	WYLN-LP	26	HAZLETON	PA	DC	3456.4	401321	2281.9	159395	2257.6	159171

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.



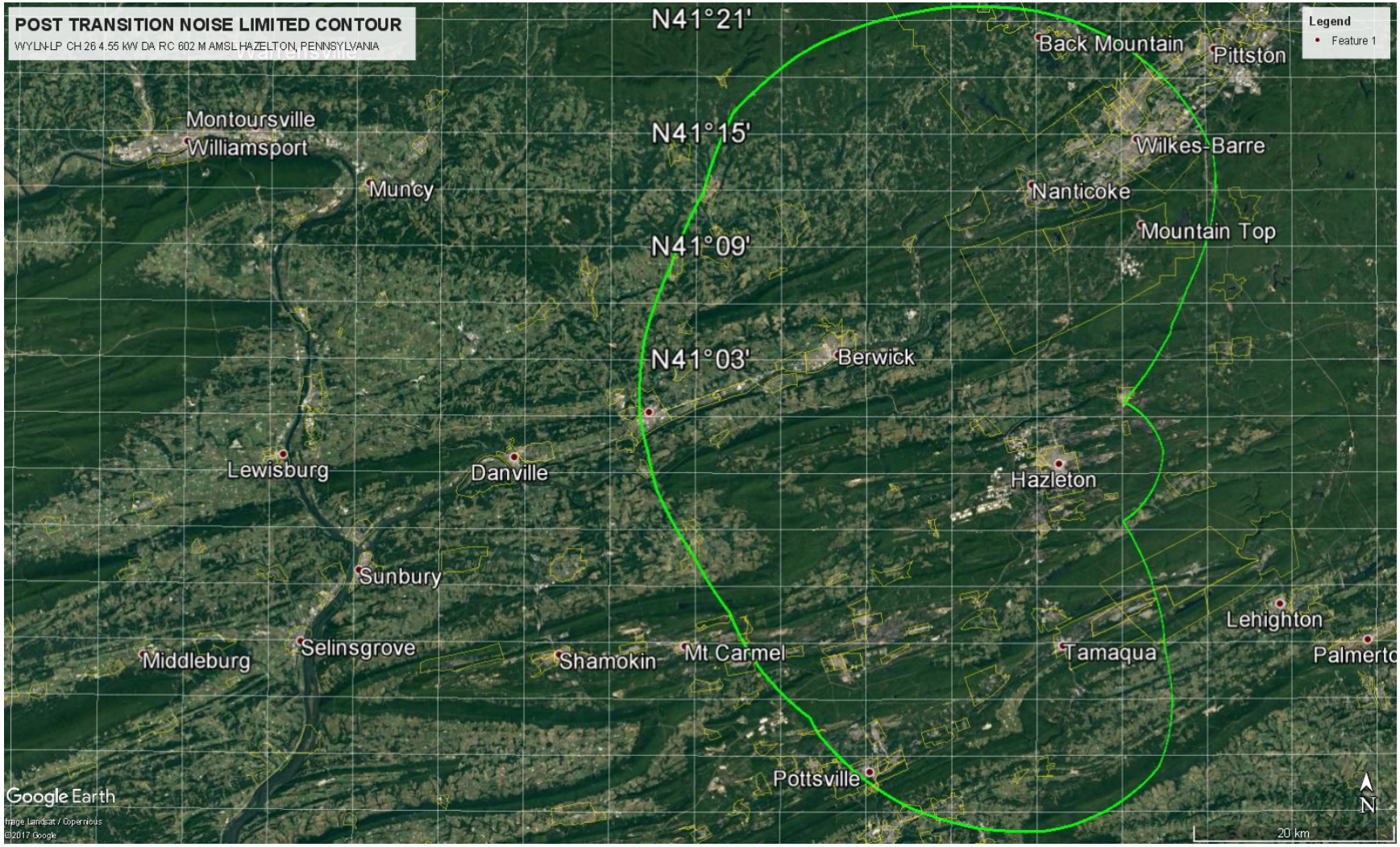
By _____

Clarence M. Beverage

for Communications Technologies, Inc.

Marlton, New Jersey

July 8, 2017


POST TRANSITION NOISE LIMITED CONTOUR
WYLN-LP CH 26 4.55 kW DA RC 602 M AMSL HAZELTON, PENNSYLVANIA
Legend
Feature 1
N41°21'
N41°15'
N41°09'
N41°03'
Back Mountain
Pittston
Montoursville
Williamsport
Muncy
Wilkes-Barre
Nanticoke
Mountain Top
Berwick
Lewisburg
Danville
Hazleton
Sunbury
Lehighton
Selinsgrove
Middleburg
Shamokin
Mt Carmel
Tamaqua
Palmerto
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N
20 km