

DELAUDER COMMUNICATIONS, INC.

P.O. Box 1095
Ashburn, Virginia 20146-1095
(703) 299-9222

ENGINEERING REPORT

W42CK-D with W25FE-D CP, to Chambersburg, PA LPTV Site-move Minor of CP

ENGINEERING STATEMENT

DISPLACEMENT QUALIFICATION

This LPTV was last licensed above channel 36 and, therefore, qualifies for channel displacement. This minor change is to remain on the construction permit channel 25.

INTERFERENCE PROTECTION RESULTS

It is noted that the same elliptically-polarized omni-directional antenna of the construction permit is being proposed by this site-move minor change. The vertically-polarized ERP will be less than the horizontally-polarized ERP in all directions.

The output from the FCC's current "TVStudy" software is attached demonstrating full compliance with the FCC's protection requirements. A 0.1 kilometer step is requested and used for the study of this application.

Consent Agreements required for grant of this application: NONE

The applicant accepts any interference that is predicted to exist to the proposed facility by any licensed, authorized or previously proposed primary TV station. The applicant also accepts any interference that is predicted to exist to the proposed facility by any secondary TV facility that is given preferential status by the FCC over the Applicant's herein proposed facility.

ENVIRONMENTAL STATEMENT

This proposal does not involve a site location specified under Section 1.1307(a) through (a)(8) of the FCC Rules.

The proposed LPTV produces an ERP that is equal to or less than 2.5 kilowatts. Assuming: (a) a maximum ERP of 5 kilowatts (for circular or elliptical use); (b) a relative field of less than 0.2 in the critical downward angles; and (c) a distance of at least 6 meters from the lowest antenna element to 2 meters above ground level, the maximum power density is calculated as follows:

$$S = 33.4 (F)(F)(ERP) / [(R)(R)]$$

Where, S equals power density in uW/cm²
 F equals the relative field factor
 ERP equals the effective radiate power in watts
 R equals the distance in meters

$$= 33.4 (0.2)(0.2)(5,000) / [(6)(6)]$$

$$= 185.6 \text{ uW/cm}^2$$

185.6 uW/cm² represents less than the uncontrolled power density limit (315.3 uW/cm² for channel 14—channel 14 being the worst-case UHF channel or 200 uW/cm² for VHF). The electromagnetic radiation from this proposed operation will not produce a value in excess of the radiation standard. The electromagnetic radiation from the proposed operation will not combine with other facilities on or near the structure to produce a significant change in value.

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Chamb25d2500wIncF, Model: Longley-Rice

Start: 2024.05.29 11:58:43

Study created: 2024.05.29 11:58:43

Study build station data: LMS TV 2024-05-28

Proposal: W42CK D25 LD APP CHAMBERSBURG, PA

Facility ID: 25042

Station data: User record

Record ID: 2481

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WDPB	D24	DT	LIC	SEAFORD, DE	BLANK0000080899	240.4 km
No	WWDD-LD	D24	LD	LIC	Baltimore, MD	BLANK0000205105	142.0
Yes	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	82.3
No	WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	214.2
No	WPXI	D24	LD	LIC	PITTSBURGH, PA	BLANK0000106625	163.5
No	WPDN-LD	D24	LD	LIC	PITTSBURGH, PA	BLDTL20110601ADS	192.8
No	W24CS-D	D24	LD	LIC	READING, PA	BLANK0000067784	161.1
No	WHSV-TV	D24	LD	LIC	HARRISONBURG, VA	BLANK0000122198	130.4
No	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK0000138193	135.7
No	W24ES-D	D24	LD	LIC	MOOREFIELD, WV	BLANK0000081242	154.2
Yes	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000231488	123.0
Yes	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	123.0
Yes	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000235788	123.0
No	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	325.2
No	WSKA	D25	DT	LIC	CORNING, NY	BLANK0000080258	239.8
No	WNYP-LD	D25	LD	LIC	NEW YORK, NY	BLANK0000053181	307.3
No	WMHT	D25	DT	LIC	SCHENECTADY, NY	BLANK0000184994	424.0
No	WTVU-CD	D25	DC	LIC	SYRACUSE, NY	BLANK0000107995	359.9

No	WUEK-LD	D25	LD	LIC	CANTON, OH	BLANK0000067575	367.6
Yes	WTXF-TV	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000064628	204.4
No	W25FG-D	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000124836	214.2
Yes	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDDT20041004ACS	198.5
No	WYOU	D25	LD	LIC	SCRANTON, PA	BLCDDT20091211ACN	263.4
No	WVAD-LD	D25	LD	LIC	CHESAPEAKE, VA	BLDCTL20121214ABD	381.7
Yes	WHSV-TV	D25	LD	LIC	HARRISONBURG, VA	BLANK0000218406	159.0
No	W25AA-D	D25	LD	LIC	ONANCOCK, VA	BLDDTT20121127AMR	309.1
No	WWBK-LD	D25	LD	LIC	RICHMOND, VA	BLANK0000108657	281.8
No	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	437.0
No	W25FS-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000197391	236.5
No	W25FR-D	D25	LD	LIC	CLARKSBURG, WV	BLANK0000199127	304.7
No	W25FX-D	D25	LD	LIC	SUTTON, WV	BLANK0000179361	297.1
No	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	123.0
No	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	149.6
No	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDDT20120215ABZ	137.1
No	WLPB-CD	D26	DC	LIC	PHILADELPHIA, PA	BLANK0000201734	214.1
No	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLANK0000125715	192.8
No	W26EQ-D	D26	LD	LIC	STATE COLLEGE, PA	BLANK0000162843	75.6
No	WHTJ	D26	DT	LIC	CHARLOTTESVILLE, VA	BLANK0000112378	237.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
Mask: Full Service
Latitude: 40 2 43.00 N (NAD83)
Longitude: 77 45 11.00 W
Height AMSL: 718.0 m
HAAT: 0.0 m
Peak ERP: 1.00 kW
Antenna: Omnidirectional
Elev Pattn: Generic

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.00 kW	369.8 m	45.5 km
45.0	1.00	454.0	48.0
90.0	1.00	506.9	49.9
135.0	1.00	511.5	50.0
180.0	1.00	525.3	50.4
225.0	1.00	164.6	35.1
270.0	1.00	364.1	45.2
315.0	1.00	383.9	46.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 410 m

Distance to Canadian border: 324.6 km

Distance to Mexican border: 2365.0 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 140.5 degrees Distance: 126.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 279.2 degrees Distance: 2326.4 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

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

Interference to BLANK0000079898 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	

Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		82.3 km
	WDVM-TV	D23	DT	LIC	HAGERSTOWN, MD	BLANK0000080408	108.4
	WPXI	D23	DT	LIC	PITTSBURGH, PA	BLANK0000080213	132.6
	WPXJ-TV	D24	DT	LIC	BATAVIA, NY	BLANK00000106047	246.2
	WNYE-TV	D24	DT	LIC	NEW YORK, NY	BLANK00000143561	376.2
	WEAO	D24	DT	LIC	AKRON, OH	BLANK00000095195	274.5
	W24DB-D	D24z	DC	LIC	CLARKS SUMMIT, PA	BLANK00000004543	247.2
	WRLH-TV	D24	DT	LIC	RICHMOND, VA	BLANK00000186907	347.1
	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK00000138193	215.0
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK00000231488	205.0
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	133.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
30883.0	1,187,052	26547.7	946,590	26287.9
		938,200	26262.8	936,395
				0.10
				0.19

Undesired	Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	69.3	5,183	25.1
WDVM-TV D23 DT LIC	88.3	4,135	71.2
WPXI D23 DT LIC	26.9	619	4.0
WPXJ-TV D24 DT LIC	70.4	894	49.3
WNYE-TV D24 DT LIC	8.0	369	8.0
WEAO D24 DT LIC	59.2	1,699	28.1
W24DB-D D24z DC LIC	1.0	0	1.0
WRLH-TV D24 DT LIC	29.2	1,038	13.1
WDCO-CD D24 DC LIC	3.0	203	0.0
KDKA-TV D25 DT LIC	50.8	1,625	23.9

Interference to BLANK0000079898 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		82.3 km
	WDVM-TV	D23	DT	CP	HAGERSTOWN, MD	BLANK00000233294	182.5
	WPXI	D23	DT	LIC	PITTSBURGH, PA	BLANK0000080213	132.6
	WPXJ-TV	D24	DT	LIC	BATAVIA, NY	BLANK00000106047	246.2

WNYE-TV	D24	DT	LIC	NEW YORK, NY	BLANK00000143561	376.2
WEAO	D24	DT	LIC	AKRON, OH	BLANK00000095195	274.5
W24DB-D	D24z	DC	LIC	CLARKS SUMMIT, PA	BLANK00000004543	247.2
WRLH-TV	D24	DT	LIC	RICHMOND, VA	BLANK00000186907	347.1
WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK00000138193	215.0
WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK00000231488	205.0
KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	133.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
30883.0 1,187,052	26547.7 946,590	26359.1 941,600	26298.9 937,054	0.23 0.48

Undesired	Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	69.3 5,183	60.3 4,546	
WDVM-TV D23 DT CP	1.0 0	0.0 0	
WPXI D23 DT LIC	26.9 619	4.0 195	
WPXJ-TV D24 DT LIC	70.4 894	49.3 311	
WNYE-TV D24 DT LIC	8.0 369	8.0 369	
WEAO D24 DT LIC	59.2 1,699	28.1 895	
W24DB-D D24z DC LIC	1.0 0	1.0 0	
WRLH-TV D24 DT LIC	29.2 1,038	17.1 301	
WDCO-CD D24 DC LIC	3.0 203	1.0 103	
KDKA-TV D25 DT LIC	50.8 1,625	23.9 955	

Interference to BLANK0000231488 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000231488	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		123.0 km
	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK00000138193	57.7
	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK00000054140	271.6
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	314.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
29151.3 9,098,298	28000.1 8,879,268	27959.0 8,848,377	27872.9 8,831,842	0.31 0.19

Undesired	Total IX	Unique IX, before	Unique IX, after
-----------	----------	-------------------	------------------

W42CK D25 LD APP	102.1	19,950			86.1	16,535
WDCO-CD D24 DC LIC	12.0	21,824	12.0	21,824	12.0	21,824
WWOR-TV D25 DT LIC	23.1	8,321	22.1	8,035	13.1	5,652
KDKA-TV D25 DT LIC	7.0	1,032	6.0	746	0.0	0

Interference to BLANK0000136472 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		123.0 km
	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK0000138193	57.7
	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	271.6
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	314.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
29151.3 9,098,298	28006.1 8,880,107	27968.0 8,849,266	27881.9 8,832,731	0.31 0.19

Undesired		Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	100.1	19,912	86.1	16,535
WDCO-CD D24 DC LIC	12.0	21,824	12.0	21,824
WWOR-TV D25 DT LIC	22.1	8,309	21.1	8,023
KDKA-TV D25 DT LIC	5.0	994	4.0	708

Interference to BLANK0000235788 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000235788	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		123.0 km
	WDCO-CD	D24	DC	LIC	WOODSTOCK, VA	BLANK0000138193	57.7
	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	271.6
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	314.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
29151.3 9,098,298	28000.1 8,879,268	27959.0 8,848,377	27872.9 8,831,842	0.31 0.19

Undesired		Total IX	Unique IX, before		Unique IX, after	
W42CK D25 LD APP	102.1	19,950			86.1	16,535
WDCO-CD D24 DC LIC	12.0	21,824	12.0	21,824	12.0	21,824
WWOR-TV D25 DT LIC	23.1	8,321	22.1	8,035	13.1	5,652
KDKA-TV D25 DT LIC	7.0	1,032	6.0	746	0.0	0

Interference to BLANK0000064628 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTXF-TV	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000064628	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		204.4 km
	W24CS-D	D24	LD	LIC	READING, PA	BLANK0000067784	45.3
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000231488	171.0
	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	121.5
	W25FG-D	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000124836	60.6

Service area	Terrain-limited	IX-free, before		IX-free, after		Percent New IX	
6020.5	1,578,929	5365.4	1,410,568	5114.8	1,358,069	5114.8	1,358,069
						0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
W42CK D25 LD APP	1.0	218			0.0	0
W24CS-D D24 LD LIC	48.9	6,974	41.9	4,951	41.9	4,951
WNUV D25 DD LIC	32.9	9,229	12.0	1,761	12.0	1,761
WWOR-TV D25 DT LIC	178.7	33,737	138.7	18,910	138.7	18,910
W25FG-D D25 LD LIC	40.0	22,954	14.0	9,169	14.0	9,169

Interference to BLANK0000064628 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTXF-TV	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000064628	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		204.4 km
	W24CS-D	D24	LD	LIC	READING, PA	BLANK0000067784	45.3
	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	171.0

WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	121.5
W25FG-D	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000124836	60.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6020.5 1,578,929	5365.4 1,410,568	5114.8 1,358,069	5114.8 1,358,069	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	1.0 218	0.0 0	
W24CS-D D24 LD LIC	48.9 6,974	41.9 4,951	
WNUV D25 DT LIC	32.9 9,229	12.0 1,761	
WWOR-TV D25 DT LIC	178.7 33,737	138.7 18,910	
W25FG-D D25 LD LIC	40.0 22,954	14.0 9,169	

Interference to BLANK0000064628 LIC scenario 3

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WTXF-TV	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000064628	
Undesireds: W42CK	D25	LD	APP	CHAMBERSBURG, PA		204.4 km
W24CS-D	D24	LD	LIC	READING, PA	BLANK0000067784	45.3
WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000235788	171.0
WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	121.5
W25FG-D	D25	LD	LIC	PHILADELPHIA, PA	BLANK0000124836	60.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6020.5 1,578,929	5365.4 1,410,568	5114.8 1,358,069	5114.8 1,358,069	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	1.0 218	0.0 0	
W24CS-D D24 LD LIC	48.9 6,974	41.9 4,951	
WNUV D25 DD LIC	32.9 9,229	12.0 1,761	
WWOR-TV D25 DT LIC	178.7 33,737	138.7 18,910	
W25FG-D D25 LD LIC	40.0 22,954	14.0 9,169	

Interference to BLCDT20041004ACS LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		198.5 km
	WEAO	D24	DT	LIC	AKRON, OH	BLANK0000095195	150.8
	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	133.5
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000231488	314.7
	WXYZ-TV	D25	DT	LIC	DETROIT, MI	BLANK0000126705	347.3
	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	379.3
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	136.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
31480.5 3,613,656	30326.6 3,501,779	30215.5 3,493,675	30215.5 3,493,675	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	2.0 104		0.0 0
WEAO D24 DT LIC	8.9 226	0.0 0	0.0 0
WTAJ-TV D24 DT LIC	21.0 1,450	17.0 1,352	17.0 1,352
WNUV D25 DD LIC	28.1 1,828	22.1 1,728	21.1 1,624
WXYZ-TV D25 DT LIC	61.0 4,891	52.0 4,665	52.0 4,665
WLFB D25 DT LIC	2.0 0	2.0 0	2.0 0
WGPT D26 DT LIC	5.0 35	3.0 33	3.0 33

Interference to BLCDT20041004ACS LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		198.5 km
	WEAO	D24	DT	LIC	AKRON, OH	BLANK0000095195	150.8
	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	133.5
	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	314.7
	WXYZ-TV	D25	DT	LIC	DETROIT, MI	BLANK0000126705	347.3
	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	379.3
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	136.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
--------------	-----------------	-----------------	----------------	----------------

31480.5	3,613,656	30326.6	3,501,779	30216.5	3,494,531	30216.5	3,494,531	0.00	0.00
---------	-----------	---------	-----------	---------	-----------	---------	-----------	------	------

Undesired		Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	2.0	104		0.0 0
WEAO D24 DT LIC	8.9	226	0.0 0	0.0 0
WTAJ-TV D24 DT LIC	21.0	1,450	17.0 1,352	17.0 1,352
WNUV D25 DT LIC	27.1	972	21.1 872	20.1 768
WXYZ-TV D25 DT LIC	61.0	4,891	52.0 4,665	52.0 4,665
WLFB D25 DT LIC	2.0	0	2.0 0	2.0 0
WGPT D26 DT LIC	5.0	35	3.0 33	3.0 33

Interference to BLCDT20041004ACS LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		198.5 km
	WEAO	D24	DT	LIC	AKRON, OH	BLANK0000095195	150.8
	WTAJ-TV	D24	DT	LIC	ALTOONA, PA	BLANK0000079898	133.5
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000235788	314.7
	WXYZ-TV	D25	DT	LIC	DETROIT, MI	BLANK0000126705	347.3
	WLFB	D25	DT	LIC	BLUEFIELD, WV	BLANK0000123625	379.3
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	136.0

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
31480.5	3,613,656	30326.6	3,501,779	30215.5 3,493,675	0.00 0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	2.0	104		0.0 0
WEAO D24 DT LIC	8.9	226	0.0 0	0.0 0
WTAJ-TV D24 DT LIC	21.0	1,450	17.0 1,352	17.0 1,352
WNUV D25 DD LIC	28.1	1,828	22.1 1,728	21.1 1,624
WXYZ-TV D25 DT LIC	61.0	4,891	52.0 4,665	52.0 4,665
WLFB D25 DT LIC	2.0	0	2.0 0	2.0 0
WGPT D26 DT LIC	5.0	35	3.0 33	3.0 33

Interference to BLANK0000218406 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WHSV-TV	D25	LD	LIC	HARRISONBURG, VA	BLANK0000218406			
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		159.0 km		
	WHSV-TV	D24	LD	LIC	HARRISONBURG, VA	BLANK0000122198	41.9		
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000231488	192.7		
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	208.9		
	WWBK-LD	D25	LD	LIC	RICHMOND, VA	BLANK0000108657	183.2		
Service area		Terrain-limited		IX-free, before		IX-free, after			
6065.2	234,511	4280.0	149,835	4221.0	146,807	4208.1	146,585		
		Percent New IX		0.31		0.15			
Undesired				Total IX	Unique IX, before	Unique IX, after			
W42CK D25 LD APP				20.9	1,724	13.0	222		
WHSV-TV D24 LD LIC				25.9	1,106	19.9	947		
WNUV D25 DD LIC				19.0	1,946	13.0	1,787		
KDKA-TV D25 DT LIC				19.1	135	19.1	135		
WWBK-LD D25 LD LIC				1.0	0	1.0	0		

Interference to BLANK0000218406 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WHSV-TV	D25	LD	LIC	HARRISONBURG, VA	BLANK0000218406			
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		159.0 km		
	WHSV-TV	D24	LD	LIC	HARRISONBURG, VA	BLANK0000122198	41.9		
	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	192.7		
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	208.9		
	WWBK-LD	D25	LD	LIC	RICHMOND, VA	BLANK0000108657	183.2		
Service area		Terrain-limited		IX-free, before		IX-free, after			
6065.2	234,511	4280.0	149,835	4221.0	146,807	4208.1	146,585		
		Percent New IX		0.31		0.15			
Undesired				Total IX	Unique IX, before	Unique IX, after			
W42CK D25 LD APP				20.9	1,724	13.0	222		

WHSV-TV D24 LD LIC	25.9	1,106	19.9	947	14.9	413
WNUV D25 DT LIC	19.0	1,946	13.0	1,787	11.0	825
KDKA-TV D25 DT LIC	19.1	135	19.1	135	19.1	135
WWBK-LD D25 LD LIC	1.0	0	1.0	0	1.0	0

Interference to BLANK0000218406 LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WHSV-TV	D25	LD	LIC	HARRISONBURG, VA	BLANK0000218406	
Undesireds:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		159.0 km
	WHSV-TV	D24	LD	LIC	HARRISONBURG, VA	BLANK0000122198	41.9
	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000235788	192.7
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	208.9
	WWBK-LD	D25	LD	LIC	RICHMOND, VA	BLANK0000108657	183.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6065.2	234,511	4280.0	149,835	4221.0
			146,807	4208.1
				146,585
				0.31
				0.15

Undesired	Total IX	Unique IX, before	Unique IX, after
W42CK D25 LD APP	20.9	1,724	13.0
WHSV-TV D24 LD LIC	25.9	1,106	19.9
WNUV D25 DD LIC	19.0	1,946	13.0
KDKA-TV D25 DT LIC	19.1	135	19.1
WWBK-LD D25 LD LIC	1.0	0	1.0

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		
Undesireds:	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000231488	123.0 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	198.5
	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	123.0

Service area	Terrain-limited	IX-free	Percent IX
--------------	-----------------	---------	------------

6948.4	385,694	5378.7	341,610	5322.4	340,383	1.05	0.36
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WNUV D25 DD LIC	51.2	1,227	47.2	1,189	0.88	0.35	
KDKA-TV D25 DT LIC	9.1	38	5.0	0	0.09	0.00	
WBFF D26 DT LIC	1.0	0	0.0	0	0.00	0.00	

Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		
Undesireds:	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000136472	123.0 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	198.5
	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	123.0

	Service area		Terrain-limited		IX-free	Percent IX	
6948.4	385,694	5378.7	341,610	5322.4	340,383	1.05	0.36
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WNUV D25 DT LIC	50.2	1,189	47.2	1,189	0.88	0.35	
KDKA-TV D25 DT LIC	9.1	38	6.0	38	0.11	0.01	
WBFF D26 DT LIC	1.0	0	0.0	0	0.00	0.00	

Interference to proposal scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W42CK	D25	LD	APP	CHAMBERSBURG, PA		
Undesireds:	WNUV	D25	DD	LIC	BALTIMORE, MD	BLANK0000235788	123.0 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	198.5
	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	123.0

	Service area		Terrain-limited		IX-free	Percent IX	
6948.4	385,694	5378.7	341,610	5322.4	340,383	1.05	0.36

Undesired		Total IX		Unique IX	Prct Unique IX	
WNUV D25 DD LIC	51.2	1,227	47.2	1,189	0.88	0.35
KDKA-TV D25 DT LIC	9.1	38	5.0	0	0.09	0.00
WBFF D26 DT LIC	1.0	0	0.0	0	0.00	0.00