

tvstudy v2.2.5 (4uoc83)
 Database: localhost, Study: W42DG-D 26 AP 680C 300H 15K 220dgs, Model: Longley-Rice
 Start: 2020.01.22 12:14:17

Study created: 2020.01.22 12:14:17

Study build station data: LMS TV 2020-01-22

Proposal: W42DG-D D26 LD APP STATE COLLEGE, PA
 File number: W42DG-D 26 AP 680C 300H 15K 220dgs
 Facility ID: 168229
 Station data: User record
 Record ID: 1183
 Country: U.S.

Build options:
 Protect pre-transition records not on baseline channel
 Protect baseline records from LPTV

Search options:
 Non-U.S. records included
 Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000059729	186.4 km
No	W42CK	D25+	LD	CP	HAGERSTOWN, MD	BLANK0000054340	123.3
No	WSKA	D25	DT	LIC	CORNING, NY	BLANK0000080258	172.4
No	WVTT-CD	D25	DC	APP	OLEAN, NY	BDFCDA20110531AGF	154.7
No	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	181.1
No	W25AQ-D	D25	LD	LIC	TOWANDA, PA	BLDTT20090727ADM	159.5
No	WGGB-TV	D26	DT	LIC	SPRINGFIELD, MA	BLANK0000083684	468.3
Yes	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	186.4
Yes	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	188.2
No	WRDE-LD	D26	LD	CP	Salisbury, MD	BLANK0000071829	312.3
No	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	237.1
No	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	281.0
No	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000077919	329.0
No	WYBN-LD	D26	LD	CP	COBLESKILL, NY	BLANK0000082460	386.0
No	W26BF	N26-	TX	LIC	ELMIRA, NY	BLTTL19960111AB	182.1
No	WYXN-LD	D26	LD	LIC	NEW YORK, NY	BLDTL20091123AAX	332.6
No	WNYJ-LD	N26-	TX	LIC	New York, NY	BLTTL20070223AHI	278.9
No	WGCE-CD	D26	DC	APP	ROCHESTER, NY	BLANK0000094594	270.0
No	WGCE-CD	D26	DC	CP	ROCHESTER, NY	BLANK0000033855	270.0
No	W26DC-D	D26	LD	LIC	ROSLYN, NY	BLDTT20140310ADR	355.8
No	WPBS-DT	D26	DT	LIC	WATERTOWN, NY	BLANK0000081158	392.4
No	WYJH-LD	D26	LD	CP	WHITE LAKE, NY	BLANK0000052128	277.6
No	WEKA-LD	D26	LD	CP	CANTON, OH	BLANK0000051631	319.1
No	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	307.3
No	WIVD-LD	D26	LD	CP	NEWCOMERSTOWN, OH	BLANK0000080067	307.3
No	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	475.9
No	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	233.6
No	WYLN-CD	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	165.2
Yes	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	77.3
No	W26CV-D	D26	LD	LIC	MANSFIELD, PA	BLDTT20090810AAC	141.3
Yes	KYW-TV	D26	DT	LIC	PHILADELPHIA, PA	BLCDT20090326ABH	236.6
No	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	177.4
No	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLDTA20130115ADH	177.4
No	WNEP-TV	D26	LD	CP	SCRANTON, PA	BLANK0000053449	230.1
No	WHTJ	D26	DT	CP	CHARLOTTESVILLE, VA	BLANK0000034130	308.0
Yes	WAZT-CD	D26	DC	BL	VIENNA, VA	DTVBL168449	198.8
No	W26EL-D	D26	LD	CP	CLARKSBURG, WV	BNPDTL20100514AAX	259.6
No	WIYE-LD	D26	LD	LIC	PARKERSBURG, WV	BLANK0000079793	347.5
No	WETA-TV	D27	DT	LIC	WASHINGTON, DC	BLEDT20120731ALN	208.2
No	WMAR-TV	D27	DT	CP	BALTIMORE, MD	BLANK0000026796	186.5
No	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	220.8
No	WQLN	D27	DT	LIC	ERIE, PA	BLANK0000083708	233.6
No	WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000059152	168.6
Yes	WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	23.6
No	W08EE-D	D27	LD	CP	MARTINSBURG, WV	BLANK0000054634	140.4

No	WHVL-LP	N29+	TX	LIC	STATE COLLEGE, ETC., PA	BLTTTL19911123JH	23.6
No	CKCO-TV-3	D26	DT	LIC	SARNIA, ON	BLANKCANADA216	416.2
No	CJMT-DT	D26	DT	LIC	TORONTO, ON	BLANKCANADA236	347.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26
Mask: Full Service
Latitude: 40 43 0.00 N (NAD83)
Longitude: 77 53 33.60 W
Height AMSL: 680.0 m
HAAT: 300.0 m
Peak ERP: 15.0 kW
Antenna: DIE TFU8WB R C160 at 220 degs 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.45 kW	315.9 m	47.8 km
45.0	6.17	302.0	52.1
90.0	4.18	126.0	39.8
135.0	12.5	346.2	58.2
180.0	13.9	389.8	60.8
225.0	9.40	325.8	55.6
270.0	14.9	312.0	57.3
315.0	11.3	276.6	53.9

Database HAAT does not agree with computed HAAT
Database HAAT: 300 m Computed HAAT: 299 m

Proposal 24.95 dBu contour does not cross Canadian border
Distance to Canadian border: 250.1 km

Distance to Mexican border: 2399.8 km

Conditions at FCC monitoring station: Laurel MD
Bearing: 151.8 degrees Distance: 195.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 277.4 degrees Distance: 2303.9 km

Study cell size: 1.00 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 BLANK0000025699 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	186.4 km
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	227.2
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	143.9
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000077919	275.7
	WYLN-CD	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	190.8
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	308.4
	WHTJ	D26	DT	CP	CHARLOTTESVILLE, VA	BLANK0000034130	219.0
	WAZT-CD	D26	DC	BL	VIENNA, VA	DTVBL168449	150.8
	WMAR-TV	D27	DT	CP	BALTIMORE, MD	BLANK0000026796	0.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26202.0	8,518,188	25400.8	8,389,346	24288.7	8,082,344	24286.7	8,082,062	0.01	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
W42DG-D	D26 LD APP	29.1	4,470			2.0	282		
WGPT	D26 DT LIC	43.0	7,363	12.0	767	9.0	579		
WQAV-CD	D26 DC APP	284.9	78,214	166.6	39,568	166.6	39,568		
WFUT-DT	D26 DT CP	77.4	21,063	5.0	1,082	4.0	669		
WYLN-CD	D26+ DC LIC	35.2	5,898	4.0	1,221	4.0	1,221		
WHTJ	D26 DT CP	625.2	184,189	347.7	110,521	347.7	110,521		
WAZT-CD	D26 DC BL	362.4	92,744	155.3	50,447	154.3	50,432		
WMAR-TV	D27 DT CP	123.9	24,937	99.9	23,071	99.9	23,071		

Interference to BLANK0000025699 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	186.4 km
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	227.2
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	161.2
	WFUT-DT	D26	DT	CP	NEWARK, NJ	BLANK0000077919	275.7
	WYLN-CD	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	190.8
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	308.4
	WHTJ	D26	DT	CP	CHARLOTTESVILLE, VA	BLANK0000034130	219.0
	WAZT-CD	D26	DC	BL	VIENNA, VA	DTVBL168449	150.8
	WMAR-TV	D27	DT	CP	BALTIMORE, MD	BLANK0000026796	0.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
26202.0	8,518,188	25400.8	8,389,346	24310.7	8,079,867	24308.6	8,079,585	0.01	0.00
Undesired		Total IX		Unique IX, before		Unique IX, after			
W42DG-D	D26 LD APP	29.1	4,470			2.0	282		
WGPT	D26 DT LIC	43.0	7,363	11.0	767	9.0	579		
WQAV-CD	D26 DC LIC	191.6	52,165	144.7	42,045	144.7	42,045		
WFUT-DT	D26 DT CP	77.4	21,063	10.0	2,308	9.0	1,895		
WYLN-CD	D26+ DC LIC	35.2	5,898	7.0	1,484	7.0	1,484		
WHTJ	D26 DT CP	625.2	184,189	368.8	125,026	368.8	125,026		
WAZT-CD	D26 DC BL	362.4	92,744	157.3	52,717	156.3	52,702		
WMAR-TV	D27 DT CP	123.9	24,937	96.9	21,440	96.9	21,440		

Interference to BLANK0000080370 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	188.2 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	136.0
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	227.2
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	353.7
	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	300.2
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	129.2
	WHTJ	D26	DT	CP	CHARLOTTESVILLE, VA	BLANK0000034130	172.8
	WAZT-CD	D26	DC	BL	VIENNA, VA	DTVBL168449	96.4
	WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000059152	106.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
18374.8	579,370	14182.8	328,691	13324.3	300,490	13303.3	300,215	0.16	0.09
Undesired		Total IX		Unique IX, before		Unique IX, after			
W42DG-D	D26 LD APP	48.0	556			21.0	275		
KDKA-TV	D25 DT LIC	83.4	2,297	6.0	178	6.0	178		
WBFF	D26 DT CP	174.6	5,843	78.9	3,331	73.9	3,298		
WFXP	D26 DT LIC	137.4	7,905	13.0	2,617	13.0	2,617		
WOSC-CD	D26 DC CP	544.2	17,062	333.8	9,816	327.8	9,816		
WHTJ	D26 DT CP	48.2	1,555	7.0	222	5.0	182		
WAZT-CD	D26 DC BL	175.1	3,107	97.4	1,019	96.4	995		
WTAE-TV	D27 DT LIC	147.5	5,742	21.0	949	21.0	949		

Interference to BLANK0000080370 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	188.2 km
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	136.0
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	227.2
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	353.7
	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	300.2
	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLDTA20130115ADH	129.2
	WHTJ	D26	DT	CP	CHARLOTTESVILLE, VA	BLANK0000034130	172.8
	WAZT-CD	D26	DC	BL	VIENNA, VA	DTVBL168449	96.4
	WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000059152	106.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
18374.8		579,370		14182.8		328,691	13545.9 307,095 13518.9 306,820 0.20 0.09
Undesired		Total IX		Unique IX, before		Unique IX, after	
W42DG-D	D26 LD APP	48.0	556			27.0	275
KDKA-TV	D25 DT LIC	83.4	2,297	7.0	191	7.0	191
WBFF	D26 DT CP	174.6	5,843	92.9	3,615	86.9	3,582
WFXP	D26 DT LIC	137.4	7,905	25.0	2,878	25.0	2,878
WOSC-CD	D26 DC LIC	271.6	9,472	112.2	3,211	112.2	3,211
WHTJ	D26 DT CP	48.2	1,555	8.0	222	6.0	182
WAZT-CD	D26 DC BL	175.1	3,107	98.4	1,019	97.4	995
WTAE-TV	D27 DT LIC	147.5	5,742	33.0	1,192	33.0	1,192

Interference to BLCDT20120215ABZ LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	77.3 km
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	257.8
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	189.1
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	313.4
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	BLANK0000094594	249.9
	WIVD-LD	D26	LD	LIC	NEWCOMERTOWN, OH	BLANK0000079906	247.8
	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	158.6
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	125.3
	WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	62.7
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
2765.7		91,392		2363.7		78,054	2306.8 77,206 2297.8 76,975 0.39 0.30
Undesired		Total IX		Unique IX, before		Unique IX, after	
W42DG-D	D26 LD APP	25.9	518			9.0	231
WBFF	D26 DT CP	2.0	0	1.0	0	0.0	0
WGPT	D26 DT LIC	12.0	191	4.0	51	4.0	51
WFXP	D26 DT LIC	15.0	298	4.0	72	3.0	72
WOSC-CD	D26 DC CP	31.9	447	22.0	284	19.0	254
WHVL-LD	D27 LD LIC	16.0	258	13.0	215	8.0	39

Interference to BLCDT20120215ABZ LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	77.3 km
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	257.8
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	189.1
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	313.4
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	BLANK0000094594	249.9
	WIVD-LD	D26	LD	LIC	NEWCOMERTOWN, OH	BLANK0000079906	247.8
	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	158.6
	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLDTA20130115ADH	125.3

WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	62.7
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
2765.7	91,392	2363.7	78,054	2319.8	77,378	2309.8 77,117 0.43 0.34
Undesired	Total IX		Unique IX, before		Unique IX, after	
W42DG-D D26 LD APP	25.9	518			10.0	261
WBFF D26 DT CP	2.0	0	1.0	0	0.0	0
WGPT D26 DT LIC	12.0	191	5.0	51	5.0	51
WFXP D26 DT LIC	15.0	298	4.0	72	3.0	72
WOSC-CD D26 DC LIC	14.0	249	9.0	112	7.0	112
WHVL-LD D27 LD LIC	16.0	258	14.0	215	8.0	39

Interference to BLCDT20090326ABH LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KYW-TV	D26	DT	LIC	PHILADELPHIA, PA	BLCDT20090326ABH	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	236.6 km
	WNUV	D25	DT	LIC	BALTIMORE, MD	BLANK0000059729	143.7
	WWOR-TV	D25	DT	LIC	SECAUCUS, NJ	BLANK0000054140	128.0
	WGGB-TV	D26	DT	LIC	SPRINGFIELD, MA	BLANK0000083684	326.9
	WQAV-CD	D26	DC	LIC	GLASSBORO, NJ	BLANK0000079835	48.4
	WYLN-CD	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	119.4
	WNYW	D27	DT	LIC	NEW YORK, NY	BLANK0000079881	128.0
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
33824.5	11,060,145	32689.8	10,887,949	29162.8	10,209,069	29161.8 10,208,357 0.00 0.01	

Undesired	Total IX		Unique IX, before		Unique IX, after	
W42DG-D D26 LD APP	5.0	1,065			1.0	712
WNUV D25 DT LIC	82.3	13,265	27.7	323	27.7	323
WWOR-TV D25 DT LIC	162.4	107,403	4.0	1,109	4.0	1,109
WGGB-TV D26 DT LIC	27.9	20,098	11.9	3,541	11.9	3,541
WQAV-CD D26 DC LIC	3098.3	466,229	3010.7	447,870	3010.7	447,870
WYLN-CD D26+ DC LIC	127.8	16,703	95.7	12,144	94.7	12,107
WNYW D27 DT LIC	291.3	196,576	132.8	90,282	132.8	90,282

Interference to DTVBL168449 BL scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WAZT-CD	D26	DC	BL	VIENNA, VA	DTVBL168449	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	198.8 km
	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	150.8
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	96.4
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	291.2
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	216.3
	WHTJ	D26	DT	CP	CHARLOTTESVILLE, VA	BLANK0000034130	109.4
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX	
9755.0	418,106	6372.6	313,666	6006.2	302,890	6006.2 302,890 0.00 0.00	

Undesired	Total IX		Unique IX, before		Unique IX, after	
W42DG-D D26 LD APP	4.0	69			0.0	0
WBFF D26 DT CP	229.9	7,782	120.4	3,353	120.4	3,353
WGPT D26 DT LIC	85.4	645	39.7	325	39.7	325
WHTJ D26 DT CP	166.6	6,778	95.8	2,669	91.8	2,600

Interference to BLANK0000006251 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	
Undesireds:	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	23.6 km
	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	62.7
	WMAR-TV	D27	DT	CP	BALTIMORE, MD	BLANK0000026796	209.0
	WIVT	D27	DT	LIC	BINGHAMTON, NY	BLANK0000090477	211.4

W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLANK0000055476	271.8
WQLN	D27	DT	LIC	ERIE, PA	BLANK0000083708	214.3
WTAE-TV	D27	DT	LIC	PITTSBURGH, PA	BLANK0000059152	169.9
W08EE-D	D27	LD	CP	MARTINSBURG, WV	BLANK0000054634	162.4

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
11357.1 414,359	8835.5 307,346	8633.9 304,395	8479.4 302,625	1.79 0.58

Undesired	Total IX	Unique IX, before	Unique IX, after
W42DG-D D26 LD APP	156.5 1,866	154.5 1,770	
WJAC-TV D26 LD LIC	4.0 80	2.0 5	
WMAR-TV D27 DT CP	48.2 168	22.1 113	
WIVT D27 DT LIC	24.0 199	6.0 134	
WQLN D27 DT LIC	13.0 154	2.0 0	
WTAE-TV D27 DT LIC	163.6 2,699	126.4 2,460	
W08EE-D D27 LD CP	1.0 0	0.0 0	

Interference to proposal scenario 1
5.06% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	
Undesireds:	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	186.4 km
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	188.2
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	237.1
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	BLANK0000094594	270.0
	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	307.3
	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	233.6
	WYLN-CD	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	165.2
	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	77.3
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000073057	177.4
	WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	23.6

Service area	Terrain-limited	IX-free	Percent IX
8986.8 341,748	5572.8 219,296	5084.8 208,189	8.76 5.06

Undesired	Total IX	Unique IX	Prcnt Unique IX
WBFF D26 DT CP	75.9 897	9.0 65	0.16 0.03
WGPT D26 DT LIC	66.8 1,160	15.0 519	0.27 0.24
WFXP D26 DT LIC	1.0 0	0.0 0	0.00 0.00
WYLN-CD D26+ DC LIC	5.0 0	2.0 0	0.04 0.00
WJAC-TV D26 LD LIC	69.5 786	15.9 52	0.29 0.02
WOSC-CD D26 DC CP	10.9 214	3.0 205	0.05 0.09
WHVL-LD D27 LD LIC	429.2 10,157	322.5 8,571	5.79 3.91

Interference to proposal scenario 2
4.97% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W42DG-D	D26	LD	APP	STATE COLLEGE, PA	W42DG-D 26 AP 680C 300	
Undesireds:	WBFF	D26	DT	CP	BALTIMORE, MD	BLANK0000025699	186.4 km
	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	188.2
	WQAV-CD	D26	DC	APP	GLASSBORO, NJ	BLANK0000089019	237.1
	WGCE-CD	D26	DC	APP	ROCHESTER, NY	BLANK0000094594	270.0
	WIVD-LD	D26	LD	LIC	NEWCOMERSTOWN, OH	BLANK0000079906	307.3
	WFXP	D26	DT	LIC	ERIE, PA	BLANK0000081009	233.6
	WYLN-CD	D26+	DC	LIC	HAZLETON, PA	BLANK0000078812	165.2
	WJAC-TV	D26	LD	LIC	JOHNSTOWN, PA	BLCDT20120215ABZ	77.3
	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLDTA20130115ADH	177.4
	WHVL-LD	D27	LD	LIC	STATE COLLEGE, ETC., PA	BLANK0000006251	23.6

Service area	Terrain-limited	IX-free	Percent IX
8986.8 341,748	5572.8 219,296	5087.8 208,394	8.70 4.97

Undesired	Total IX	Unique IX	Prcnt Unique IX
WBFF D26 DT CP	75.9 897	9.0 65	0.16 0.03
WGPT D26 DT LIC	66.8 1,160	16.0 519	0.29 0.24

WFXP D26 DT LIC	1.0	0	0.0	0	0.00	0.00
WYLN-CD D26+ DC LIC	5.0	0	3.0	0	0.05	0.00
WJAC-TV D26 LD LIC	69.5	786	17.9	61	0.32	0.03
WOSC-CD D26 DC LIC	1.0	0	0.0	0	0.00	0.00
WHVL-LD D27 LD LIC	429.2	10,157	323.5	8,571	5.81	3.91