

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: 01624_07052022_WTTG_22207, Model: Longley-Rice
Start: 2022.07.05 15:42:43

Study created: 2022.07.05 15:42:43

Study build station data: LMS TV 2022-06-30

Proposal: WTTG D36 DX APP WASHINGTON, DC
File number: 01624_07052022_WTTG_22207
Facility ID: 22207
Station data: User record
Record ID: 1560
Country: U.S.
Zone: I

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	WJAC-TV	D35	DT	LIC	JOHNSTOWN, PA	BLANK0000080232	227.5 km
No	WFPA-CD	D35	DC	LIC	PHILADELPHIA, PA	BLANK0000079887	200.1
No	WVIR-CD	D35	DC	LIC	CHARLOTTESVILLE, VA	BLANK0000091348	161.7
No	WVEC	D35	DT	APP	HAMPTON, VA	BLANK0000188568	242.1
Yes	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3
No	WEPX-TV	D36	DT	LIC	GREENVILLE, NC	BLANK0000090758	415.7
Yes	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	201.0
No	WNLO	D36	DT	LIC	BUFFALO, NY	BLANK0000137113	433.3
Yes	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	327.7
No	WSPX-TV	D36	DT	LIC	SYRACUSE, NY	BLANK0000081964	453.9
No	WQHS-DT	D36	DT	LIC	CLEVELAND, OH	BLANK0000079885	477.1
Yes	W36EY-D	D36-	DC	LIC	BERWICK, PA	BLANK0000105623	241.2
Yes	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	157.3
Yes	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	157.3
No	WWLM-CD	D36	DC	LIC	WASHINGTON, PA	BLANK0000189896	303.6
Yes	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	158.7
No	WPMC-CD	D36	DC	LIC	MAPPSVILLE, VA	BLANK0000001499	179.4
Yes	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	331.4
No	WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK0000188559	242.1
No	WYSJ-CD	D36	DC	LIC	YORKTOWN, VA	BLANK0000150138	214.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36
Latitude: 38 56 24.20 N (NAD83)
Longitude: 77 4 52.50 W
Height AMSL: 228.9 m
HAAT: 160.0 m
Peak ERP: 300 kW
Antenna: Omnidirectional
Elev Pattn: RFS PHP36L_CH_36_Elevation_Pat
Elec Tilt: 0.70

40.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	300 kW	136.6 m	71.4 km
45.0	300	148.5	72.4
90.0	300	186.9	75.5
135.0	300	198.5	76.3
180.0	300	187.5	75.5
225.0	300	138.0	71.5
270.0	300	142.9	71.9
315.0	300	143.1	72.0

Distance to Canadian border: 459.4 km

Distance to Mexican border: 2344.6 km

**Proposal is within coordination distance of FCC monitoring station

Conditions at FCC monitoring station: Laurel MD

Bearing: 41.8 degrees Distance: 33.6 km

ERP: 300 kW HAAT: 141.5 m Field strength: 74.6 dBu, 5.4 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 282.2 degrees Distance: 2405.9 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 BLANK0000098055 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	2.1 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	3.3
	WRC-TV	D34	DT	LIC	WASHINGTON, DC	BLANK00000153860	3.3
	WNJU	D35	DT	LIC	LINDEN, NJ	BLANK00000079780	327.7
	WJAC-TV	D35	DT	LIC	JOHNSTOWN, PA	BLANK00000080232	224.2
	WFPA-CD	D35	DC	LIC	PHILADELPHIA, PA	BLANK00000079887	200.1
	WVIR-CD	D35	DC	LIC	CHARLOTTESVILLE, VA	BLANK00000091348	161.9
	WVEC	D35	DT	APP	HAMPTON, VA	BLANK00000188568	245.1
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK00000035782	154.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
23941.1 8,075,268	23013.1 8,024,342	21994.6 7,960,979	22026.5 7,961,991	-0.15 -0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL 63.9	2,152	32.0 1,012	
WTTG D36 DX APP 4.0	52		0.0 0
WRC-TV D34 DT LIC 104.1	3,383	72.2 2,249	84.2 3,305
WNJU D35 DT LIC 11.9	475	7.9 266	7.9 266
WJAC-TV D35 DT LIC 246.8	28,743	230.9 27,875	230.9 27,875
WFPA-CD D35 DC LIC 11.9	209	0.0 0	0.0 0
WVIR-CD D35 DC LIC 485.1	15,829	349.5 11,517	349.5 11,517
WVEC D35 DT APP 282.3	18,259	158.5 14,966	162.5 14,998

Interference to BLANK0000035355 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	200.9 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	201.0
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK00000086487	187.8
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK00000035782	225.3
	WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK00000188559	296.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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13318.5	807,797	13318.5	807,797	12906.5	786,325	12926.3	787,003	-0.15	-0.09
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Undesired		Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	55.6	1,528	31.8	1,232
WTTG D36 DX APP	43.7	1,072		11.9
WCBS-TV D36 DT LIC	380.3	20,240	348.6	19,705
WITF-TV D36 DT CP	11.9	270	0.0	0
				0.0
				0

Interference to BLANK0000035355 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	200.9 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	201.0
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	187.8
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	225.3
	WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK0000188559	296.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
13318.5	807,797	12906.5	786,325	-0.15
				-0.09

Undesired		Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	55.6	1,528	31.8	1,232
WTTG D36 DX APP	43.7	1,072		11.9
WCBS-TV D36 DT LIC	380.3	20,240	348.6	19,705
WITF-TV D36 DT LIC	11.9	270	0.0	0
				0.0
				0

Interference to BLANK0000086487 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	326.7 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	327.7
	WFSB	D36	DT	LIC	HARTFORD, CT	BLANK0000159868	155.3
	WWDP	D36	DT	APP	NORWELL, MA	BLANK0000193261	291.4
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	187.8
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	244.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
38374.6	22,087,789	32574.3	20,809,492	-0.02
				-0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	152.2	49,397	8.0	588
WTTG D36 DX APP	60.0	19,408		0.0
WFSB D36 DT LIC	2939.0	603,129	2391.6	470,685
WWDP D36 DT APP	8.0	0	0.0	0
WMGM-TV D36 DT LIC	830.4	165,895	351.0	61,893
WITF-TV D36 DT CP	136.2	72,582	28.0	26,640

Interference to BLANK0000086487 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	326.7 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	327.7
	WFSB	D36	DT	LIC	HARTFORD, CT	BLANK0000159868	155.3
	WWDP	D36	DT	APP	NORWELL, MA	BLANK0000193261	291.4
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	187.8
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	244.7

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
38374.6	22,087,789	35920.3	21,511,236	32590.3
		20,814,783	32598.3	20,815,371
				-0.02
				-0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	152.2	49,397	8.0	588
WTTG D36 DX APP	60.0	19,408		0.0
WFSB D36 DT LIC	2939.0	603,129	2403.6	477,400
WWDP D36 DT APP	8.0	0	0.0	0
WMGM-TV D36 DT LIC	830.4	165,895	355.0	61,893
WITF-TV D36 DT LIC	88.1	56,723	12.0	21,349

Interference to BLANK0000105623 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W36EY-D	D36-	DC	LIC	BERWICK, PA	BLANK0000105623	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	239.5 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	241.2
	WNLO	D36	DT	LIC	BUFFALO, NY	BLANK0000137113	271.4
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	187.8
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	91.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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5860.6	392,702	4285.3	263,069	4161.0	261,222	4169.1	261,222	-0.19	0.00
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Undesired		Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	20.2	207	8.1	0
WTTG D36 DX APP	0.0	0		0.0
WNLO D36 DT LIC	4.0	4	4.0	4
WCBS-TV D36 DT LIC	36.1	747	12.1	189
WITF-TV D36 DT CP	100.2	1,654	68.0	889
				76.1
				1,096

Interference to BLANK0000105623 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W36EY-D	D36-	DC	LIC	BERWICK, PA	BLANK0000105623	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	239.5 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	241.2
	WNLO	D36	DT	LIC	BUFFALO, NY	BLANK0000137113	271.4
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	187.8
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	91.8

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
5860.6	392,702	4285.3	263,069	4177.1	261,322
				4193.3	261,529
				-0.39	-0.08

Undesired		Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	20.2	207	16.2	207
WTTG D36 DX APP	0.0	0		0.0
WNLO D36 DT LIC	4.0	4	4.0	4
WCBS-TV D36 DT LIC	36.1	747	20.0	448
WITF-TV D36 DT LIC	68.0	1,088	52.0	789
				52.0
				789

Interference to BLANK0000035782 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	155.5 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	157.3
	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	154.9
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WNLO	D36	DT	LIC	BUFFALO, NY	BLANK0000137113	295.8
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	244.7
	W36EY-D	D36-	DC	LIC	BERWICK, PA	BLANK0000105623	91.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
22016.9 2,630,939	19108.6 2,389,028	16557.2 2,187,720	17001.1 2,221,730	-2.68 -1.55

Undesired	Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	1976.5 167,516	1413.3 117,582	
WTTG D36 DX APP	1401.0 113,651		969.3 83,572
WPXW-TV D35 DT LIC	19.8 2,227	0.0 0	4.0 274
WMGM-TV D36 DT LIC	328.3 15,273	28.0 1,447	55.9 2,758
WNLO D36 DT LIC	27.9 2,452	0.0 0	4.0 1,439
WCBS-TV D36 DT LIC	336.8 23,836	92.3 12,596	100.4 13,832
W36EY-D D36- DC LIC	689.6 49,967	378.7 16,782	478.3 33,234

Interference to BLANK0000039358 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	

Undesireds:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	155.5 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	157.3
	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	154.9
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	225.3
	WNLO	D36	DT	LIC	BUFFALO, NY	BLANK0000137113	295.8
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	244.7
	W36EY-D	D36-	DC	LIC	BERWICK, PA	BLANK0000105623	91.8

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19488.4 2,412,561	16964.3 2,191,501	14805.7 2,025,529	15218.5 2,079,514	-2.79 -2.67

Undesired	Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL	1739.4 148,312	1267.7 116,486	
WTTG D36 DX APP	1218.6 85,907		854.8 62,501
WPXW-TV D35 DT LIC	15.9 3,224	0.0 0	0.0 0
WMGM-TV D36 DT LIC	256.0 16,199	23.8 987	43.8 3,608
WNLO D36 DT LIC	43.9 2,134	8.0 291	12.0 291
WCBS-TV D36 DT LIC	288.8 14,817	60.2 3,115	88.3 5,042
W36EY-D D36- DC LIC	522.5 25,106	243.2 9,947	311.2 14,022

Interference to BLANK0000120243 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	

Undesireds:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	159.2 km

WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	158.7
WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	271.6
WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	180.2
WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK0000188559	267.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
11860.6 496,108	7428.9 295,893	7293.4 295,024	7297.3 295,100	-0.05 -0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL 47.8	76	39.9	76
WTTG D36 DX APP 43.9	0	36.0	0
WFXR D36 DT LIC 95.5	793	87.6	793

Interference to BLANK0000080996 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	332.3 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	331.4
	WFMY-TV	D35	DT	LIC	GREENSBORO, NC	BLANK0000113927	150.1
	WVIR-CD	D35	DC	LIC	CHARLOTTESVILLE, VA	BLANK0000091348	171.4
	WKAS	D36	DT	LIC	ASHLAND, KY	BLANK0000087441	258.2
	WEPX-TV	D36	DT	LIC	GREENVILLE, NC	BLANK0000090758	346.4
	WUNE-TV	D36	DT	LIC	LINVILLE, NC	BLANK0000111606	196.3
	WBFT-CD	D36	DC	LIC	SANFORD, NC	BLANK0000124673	212.9
	WFXB	D36	DT	LIC	MYRTLE BEACH, SC	BLANK0000081825	345.6
	WVLR	D36	DT	LIC	TAZEWELL, TN	BLANK0000097858	326.6
	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	180.2
	WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK0000188559	329.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
38730.9 1,426,061	32903.8 1,286,450	31081.1 1,233,034	31101.0 1,233,310	-0.06 -0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL 103.4	3,531	39.8	1,237
WTTG D36 DX APP 51.6	2,004	19.9	961
WFMY-TV D35 DT LIC 223.3	11,504	59.9	1,459
WVIR-CD D35 DC LIC 59.7	2,118	35.8	955
WKAS D36 DT LIC 47.7	293	47.7	293
WEPX-TV D36 DT LIC 67.7	3,037	27.9	1,945
WUNE-TV D36 DT LIC 1207.3	37,703	940.5	25,592
WBFT-CD D36 DC LIC 8.0	383	4.0	44
WFXB D36 DT LIC 55.8	1,932	0.0	0

WVLR D36 DT LIC	8.0	127	4.0	64	4.0	64
WSVF-CD D36 DC LIC	404.3	8,844	352.8	8,096	352.7	8,144
WYSJ-CD D36 DC APP	7.9	0	0.0	0	0.0	0

Interference to BLANK0000080996 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	
Undesireds:	WTTG	D36	DT	BL	WASHINGTON, DC	DTVBL22207	332.3 km
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	331.4
	WFMY-TV	D35	DT	LIC	GREENSBORO, NC	BLANK0000113927	150.1
	WVIR-CD	D35	DC	LIC	CHARLOTTESVILLE, VA	BLANK0000091348	171.4
	WKAS	D36	DT	LIC	ASHLAND, KY	BLANK0000087441	258.2
	WEPX-TV	D36	DT	LIC	GREENVILLE, NC	BLANK0000090758	346.4
	WUNE-TV	D36	DT	LIC	LINVILLE, NC	BLANK0000111606	196.3
	WBFT-CD	D36	DC	LIC	SANFORD, NC	BLANK0000124673	212.9
	WFXB	D36	DT	LIC	MYRTLE BEACH, SC	BLANK0000081825	345.6
	WVLR	D36	DT	LIC	TAZEWELL, TN	BLANK0000097858	326.6
	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	180.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
38730.9 1,426,061	32903.8 1,286,450	31081.1 1,233,034	31101.0 1,233,310	-0.06 -0.02

Undesired	Total IX	Unique IX, before	Unique IX, after
WTTG D36 DT BL 103.4	3,531	43.7 1,237	
WTTG D36 DX APP 51.6	2,004		23.8 961
WFMY-TV D35 DT LIC 223.3	11,504	59.9 1,459	59.9 1,459
WVIR-CD D35 DC LIC 59.7	2,118	35.8 955	39.8 1,082
WKAS D36 DT LIC 47.7	293	47.7 293	47.7 293
WEPX-TV D36 DT LIC 67.7	3,037	27.9 1,945	27.9 1,945
WUNE-TV D36 DT LIC 1207.3	37,703	944.4 25,592	968.3 26,570
WBFT-CD D36 DC LIC 8.0	383	4.0 44	4.0 44
WFXB D36 DT LIC 55.8	1,932	0.0 0	0.0 0
WVLR D36 DT LIC 8.0	127	4.0 64	4.0 64
WSVF-CD D36 DC LIC 404.3	8,844	352.8 8,096	352.7 8,144

Interference to proposal scenario 1
2.96% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	

Undesireds:	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3 km
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	201.0
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	327.7
	WITF-TV	D36	DT	CP	HARRISBURG, PA	BLANK0000035782	157.3
	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	158.7
	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	331.4
	WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK0000188559	242.1

Service area	Terrain-limited	IX-free	Percent IX
16848.5 7,538,112	16577.7 7,494,097	15609.5 7,272,145	5.84 2.96

Undesired	Total IX	Unique IX	Prcnt Unique IX
WPXW-TV D35 DT LIC 395.8 95,238 351.8 93,178 2.12 1.24			
WMGM-TV D36 DT LIC 79.8 14,159 8.0 6,546 0.05 0.09			
WCBS-TV D36 DT LIC 39.7 4,055 0.0 0 0.00 0.00			
WITF-TV D36 DT CP 592.5 119,481 496.8 113,175 3.00 1.51			
WSVF-CD D36 DC LIC 4.0 252 0.0 0 0.00 0.00			
WFXR D36 DT LIC 12.0 1,426 0.0 0 0.00 0.00			

Interference to proposal scenario 2
2.21% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTG	D36	DX	APP	WASHINGTON, DC	01624_07052022_WTTG_22	
Undesireds:	WPXW-TV	D35	DT	LIC	MANASSAS, VA	BLANK0000098055	3.3 km
	WMGM-TV	D36	DT	LIC	WILDWOOD, NJ	BLANK0000035355	201.0
	WCBS-TV	D36	DT	LIC	NEW YORK, NY	BLANK0000086487	327.7
	WITF-TV	D36	DT	LIC	HARRISBURG, PA	BLANK0000039358	157.3
	WSVF-CD	D36	DC	LIC	HARRISONBURG, VA	BLANK0000120243	158.7
	WFXR	D36	DT	LIC	ROANOKE, VA	BLANK0000080996	331.4
	WYSJ-CD	D36	DC	APP	YORKTOWN, VA	BLANK0000188559	242.1

Service area	Terrain-limited	IX-free	Percent IX
16848.5 7,538,112	16577.7 7,494,097	15744.8 7,328,141	5.02 2.21

Undesired	Total IX	Unique IX	Prcnt Unique IX
WPXW-TV D35 DT LIC 395.8 95,238 355.8 93,421 2.15 1.25			
WMGM-TV D36 DT LIC 79.8 14,159 8.0 6,546 0.05 0.09			
WCBS-TV D36 DT LIC 39.7 4,055 0.0 0 0.00 0.00			
WITF-TV D36 DT LIC 453.2 63,242 361.5 57,179 2.18 0.76			
WSVF-CD D36 DC LIC 4.0 252 0.0 0 0.00 0.00			
WFXR D36 DT LIC 12.0 1,426 0.0 0 0.00 0.00			