

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WCBY DRT 35 8DSBM 15KW lxp2, Model: Longley-Rice
Start: 2018.05.18 09:49:26

Study created: 2018.05.18 09:49:26

Study build station data: LMS TV 2018-05-18

Proposal: WCYB-TV D35 LD APP BRISTOL, VA
File number: WCBY DRT 35 8DSBM 15KW
Facility ID: 2455
Station data: User record
Record ID: 298
Country: U.S.

Please use Study Grid Settings of 1 X 0.2 km

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	WEZK-LP	N28z	TX	LIC	KNOXVILLE, TN	BLTTTL20001011ACO	170.7 km
No	WSOC-TV	D34	DT	LIC	CHARLOTTE, NC	BLCDT20040526ANW	181.4
No	W06AN	D34	LD	CP	SAPPHIRE VALLEY,ETC., NC	BDISDTT20120614AAN	156.0
No	W34DX-D	D34	LD	LIC	WEST ASHEVILLE, NC	BLDTT20130530AGK	108.3
No	WNSC-TV	D34	DT	CP	ROCK HILL, SC	BLANK0000034493	204.2
Yes	WVLT-TV	D34	DT	CP	KNOXVILLE, TN	BLANK0000025085	173.2
Yes	WTNZ	D34	DT	LIC	KNOXVILLE, TN	BMLCDT20040706ABG	171.8
No	WSLS-TV	D34	DT	CP	ROANOKE, VA	BLANK0000029619	193.3
No	WVPB-TV	D34	DT	LIC	HUNTINGTON, WV	BLEDT20120214AAS	227.5
No	NEW	D35	LD	APP	ATHENS, GA	BNPDTL20090825AJQ	305.0
No	NEW	D35	LD	APP	ATHENS, GA	BNPDTL20090825AJB	309.0
No	WDTA-LD	D35	LD	LIC	ATLANTA, GA	BLDTL20100831ACE	363.5
Yes	WKLE	D35	DT	CP	LEXINGTON, KY	BLANK0000034653	252.7
Yes	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	59.3
No	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	213.5
No	WGHP	D35	DT	LIC	HIGH POINT, NC	BLCDT20100315ABW	215.4
No	W35CK-D	D35	LD	LIC	HIGHLANDS, NC	BLDTT20080922ABE	186.0
No	W50EQ-D	D35	LD	APP	LUMBERTON, NC	BLANK0000053780	353.8
No	WOUC-TV	D35	DT	LIC	CAMBRIDGE, OH	BLEDT20050427AAB	411.2
No	WLWT	D35	DT	LIC	CINCINNATI, OH	BLCDT20050502ABC	365.1
No	WPTD	D35	DT	CP	DAYTON, OH	BLANK0000026763	409.1
No	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	200.8
No	WYDJ-LD	D35	LD	APP	MYRTLE BEACH, SC	BLANK0000052537	377.2
Yes	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	317.5
No	WCTZ-LD	D35	LD	CP	Nashville, TN	BLANK0000021775	420.1
No	WAHU-CD	D35	DC	CP	CHARLOTTEVILLE, VA	BLANK0000034100	363.5
No	WUDJ-LD	D35	LD	APP	CROZET, VA	BLANK0000036595	348.7
Yes	WJDW-LD	D35	LD	LIC	TAZEWELL, VA	BLDTL20110525ADU	97.1
No	WTAP-TV	D35	DT	CP	PARKERSBURG, WV	BLANK0000025208	325.9
No	W35DI-D	D35	LD	CP	ROANOKE, WV	BNPDTL20100514AAS	311.8
No	WKAS	D36	DT	CP	ASHLAND, KY	BLANK0000025282	228.2
No	WKAS	D36	DT	APP	ASHLAND, KY	BLANK0000034657	228.2
No	WKYT-TV	D36	DT	LIC	LEXINGTON, KY	BLCDT20100902ACB	269.2
No	WAXN-TV	D36	LD	LIC	KANNAPOLIS, NC	BLCDT20100630BZK	163.6
No	WAXN-TV	D36	LD	APP	KANNAPOLIS, NC	BLANK0000054241	163.6
Yes	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	49.0
No	WYFF	D36	DT	LIC	GREENVILLE, SC	BLCDT20090901ACV	155.3
No	WMYT-TV	D36	LD	CP	ROCK HILL, SC	BDRTCDT20140402AAM	108.2
Yes	WAPK-CD	D36	DC	LIC	BRISTOL VA/KINGSPORT, TN	BLDTA20140717ACJ	3.3
Yes	WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	137.8
No	WFXR	D36	DT	CP	ROANOKE, VA	BLANK0000027724	192.7
No	WPXR-TV	D36	DT	LIC	ROANOKE, VA	BLCDT20020510AAB	192.3
No	W43BO	N43-	TX	LIC	MARION, ETC., VA	BLTTTL19970425JD	71.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35
Mask: Full Service
Latitude: 36 26 58.20 N (NAD83)
Longitude: 82 6 28.70 W
Height AMSL: 1403.8 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE TFU 8DSB B 250dgs 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.50

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.10 kW	878.5 m	66.1 km
45.0	5.73	756.9	64.9
90.0	5.97	561.7	60.8
135.0	4.89	639.8	61.4
180.0	8.64	758.4	67.7
225.0	13.9	676.8	69.2
270.0	14.4	878.7	73.5
315.0	9.58	907.8	71.1

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 757 m

Distance to Canadian border: 581.5 km

Distance to Mexican border: 1823.3 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 220.3 degrees Distance: 373.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 288.5 degrees Distance: 2051.6 km

Study cell size: 1.00 km

Profile point spacing: 0.20 km

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

Maximum new IX to LPTV: 2.00%

Interference to BLANK0000025085 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVLT-TV	D34	DT	CP	KNOXVILLE, TN	BLANK0000025085	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	173.2 km
	WKHA	D33	DT	CP	HAZARD, KY	BLANK0000029749	149.7
	WPDP-CD	D33-	DC	CP	CLEVELAND, TN	BLANK0000029921	113.1
	WATC-DT	D34	DT	APP	ATLANTA, GA	BLANK0000034436	219.2
	WKMJ-TV	D34	DT	CP	LOUISVILLE, KY	BLANK0000034636	311.5
	WNSC-TV	D34	DT	CP	ROCK HILL, SC	BLANK0000034493	295.5
	WSLS-TV	D34	DT	CP	ROANOKE, VA	BLANK0000029619	365.3
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	148.4

	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
44078.7	1,887,153	37670.0	1,673,342	37132.9	1,655,173	37122.8 1,654,347	0.03 0.05

Undesired				Total IX	Unique IX, before		Unique IX, after
WCYB-TV D35 LD APP				13.1	1,041	10.1	826
WKHA D33 DT CP				6.0	0	5.0	0

WPDP-CD D33- DC CP	154.5	6,860	115.6	4,921	115.6	4,921
WATC-DT D34 DT APP	181.2	5,017	126.3	2,658	126.3	2,658
WKMJ-TV D34 DT CP	52.2	1,281	36.1	855	36.1	855
WNSC-TV D34 DT CP	18.9	0	15.9	0	15.9	0
WSLS-TV D34 DT CP	23.2	1,273	23.2	1,273	20.1	1,058
WTCI D35 DT CP	183.0	6,861	137.2	5,466	137.2	5,466

Interference to BLANK0000025085 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVLT-TV	D34	DT	CP	KNOXVILLE, TN	BLANK0000025085	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCBY DRT 35 8DSBM 15KW	173.2 km
	WKHA	D33	DT	CP	HAZARD, KY	BLANK0000029749	149.7
	WPDP-CD	D33-	DC	CP	CLEVELAND, TN	BLANK0000029921	113.1
	WATC-DT	D34	DT	CP	ATLANTA, GA	BLANK0000025455	219.2
	WKMJ-TV	D34	DT	CP	LOUISVILLE, KY	BLANK0000034636	311.5
	WNSC-TV	D34	DT	CP	ROCK HILL, SC	BLANK0000034493	295.5
	WSLS-TV	D34	DT	CP	ROANOKE, VA	BLANK0000029619	365.3
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	148.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
44078.7	1,887,153	37670.0	1,673,342	37170.0	1,655,491	37159.9 1,654,665	0.03 0.05

Undesired	Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	13.1 1,041	10.1 826	
WKHA D33 DT CP	6.0 0	5.0 0	
WPDP-CD D33- DC CP	154.5 6,860	120.6 5,043	
WATC-DT D34 DT CP	124.1 3,697	89.2 2,340	
WKMJ-TV D34 DT CP	52.2 1,281	43.1 1,216	
WNSC-TV D34 DT CP	18.9 0	15.9 0	
WSLS-TV D34 DT CP	23.2 1,273	20.1 1,058	
WTCI D35 DT CP	183.0 6,861	144.2 5,947	

Interference to BMLCDT20040706ABG LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTNZ	D34	DT	LIC	KNOXVILLE, TN	BMLCDT20040706ABG	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCBY DRT 35 8DSBM 15KW	171.8 km
	WNGH-TV	D33	DT	LIC	CHATSWORTH, GA	BLANK0000019162	155.8
	WPDP-CD	D33-	DC	CP	CLEVELAND, TN	BLANK0000029921	114.5
	WSOC-TV	D34	DT	LIC	CHARLOTTE, NC	BLCDT20040526ANW	302.0
	WVPB-TV	D34	DT	LIC	HUNTINGTON, WV	BLEDT20120214AAS	316.9
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
37841.0	1,718,716	32017.5	1,534,509	31878.0	1,530,193	31875.0 1,529,001	0.01 0.08

Undesired	Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	4.0 1,192	3.0 1,192	
WNGH-TV D33 DT LIC	39.8 1,323	12.9 584	
WPDP-CD D33- DC CP	112.6 3,682	85.7 2,943	
WSOC-TV D34 DT LIC	10.9 0	10.9 0	
WVPB-TV D34 DT LIC	3.0 50	3.0 50	

Interference to BLANK0000034653 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKLE	D35	DT	CP	LEXINGTON, KY	BLANK0000034653	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCBY DRT 35 8DSBM 15KW	252.7 km
	WTWO	D35	DT	CP	TERRE HAUTE, IN	BLANK0000028193	306.5
	WPTD	D35	DT	CP	DAYTON, OH	BLANK0000026763	204.8
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	309.0
	WTAP-TV	D35	DT	CP	PARKERSBURG, WV	BLANK0000025208	290.1
	WKAS	D36	DT	CP	ASHLAND, KY	BLANK0000025282	162.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX

15508.5	856,830	15195.6	851,012	15022.7	847,577	15021.7	847,577	0.01	0.00
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Undesired			Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	1.0		0		1.0
WTWO D35 DT CP	3.0		92	2.0	2.0
WPTD D35 DT CP	153.7		3,042	128.6	128.6
WTCI D35 DT CP	9.0		365	2.0	2.0
WTAP-TV D35 DT CP	33.4		518	14.2	14.2

Interference to BLDDTT20090615AAS LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLDDTT20090615AAS	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	59.3 km
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	221.3
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	143.4
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	43.2
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX	
4156.7	137,781	3316.1	89,802	3296.9	89,713	3271.8	0.76 0.33

Undesired			Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	28.2		293		25.2
WFMY-TV D35 DT CP	8.1		0	5.0	4.0
WMYA-TV D35 DT CP	12.1		10	8.1	7.1
WUNE-TV D36 DT CP	3.0		79	2.0	2.0

Interference to BLANK0000034751 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	317.5 km
	WATC-DT	D34	DT	APP	ATLANTA, GA	BLANK0000034436	147.6
	WVLT-TV	D34	DT	CP	KNOXVILLE, TN	BLANK0000025085	148.4
	WEAC-CD	D35	DC	CP	JACKSONVILLE, AL	BLANK0000028652	184.3
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	307.7
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	281.4
	WBBJ-TV	D35	DT	CP	JACKSON, TN	BLANK0000027057	312.7
	WUPA	D36	DT	CP	ATLANTA, GA	BLANK0000033802	177.9
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX	
24354.7	1,215,507	20585.9	1,094,013	20246.7	1,081,937	20246.7	0.00 0.00

Undesired			Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	1.0		50		0.0
WATC-DT D34 DT APP	16.1		567	10.1	10.1
WVLT-TV D34 DT CP	114.3		7,385	113.3	112.3
WEAC-CD D35 DC CP	187.8		3,705	168.8	168.8
WLTZ D35 DT LIC	14.1		162	5.0	5.0
WMYA-TV D35 DT CP	1.0		37	1.0	1.0
WBBJ-TV D35 DT CP	25.0		760	18.0	18.0
WUPA D36 DT CP	4.0		5	1.0	1.0

Interference to BLANK0000034751 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	317.5 km
	WATC-DT	D34	DT	CP	ATLANTA, GA	BLANK0000025455	147.6
	WVLT-TV	D34	DT	CP	KNOXVILLE, TN	BLANK0000025085	148.4
	WEAC-CD	D35	DC	CP	JACKSONVILLE, AL	BLANK0000028652	184.3
	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	307.7
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	281.4
	WBBJ-TV	D35	DT	CP	JACKSON, TN	BLANK0000027057	312.7
	WUPA	D36	DT	CP	ATLANTA, GA	BLANK0000033802	177.9

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
24354.7 1,215,507	20585.9 1,094,013	20249.7 1,082,006	20249.7 1,082,006	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP 1.0 50			0.0 0
WATC-DT D34 DT CP 13.1 498		7.0 238	7.0 238
WVLT-TV D34 DT CP 114.3 7,385		113.3 7,385	112.3 7,335
WEAC-CD D35 DC CP 187.8 3,705		168.8 3,165	168.8 3,165
WLTZ D35 DT LIC 14.1 162		5.0 22	5.0 22
WMYA-TV D35 DT CP 1.0 37		1.0 37	1.0 37
WBBJ-TV D35 DT CP 25.0 760		18.0 615	18.0 615
WUPA D36 DT CP 4.0 5		1.0 0	1.0 0

Interference to BLDTL20110525ADU LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WJDW-LD	D35	LD	LIC	TAZEWELL, VA	BLDTL20110525ADU	
Undesireds: WCYB-TV	D35	LD	APP	BRISTOL, VA	WCBY DRT 35 8DSBM 15KW	97.1 km
WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	210.5
WUDJ-LD	D35	LD	LIC	CROZET, VA	BLANK0000014021	326.5
WTAP-TV	D35	DT	CP	PARKERSBURG, WV	BLANK0000025208	240.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
7154.1 187,622	6231.6 149,444	6220.6 148,874	6207.5 148,834	0.21 0.03

Undesired	Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP 14.1 40			13.1 40
WFMY-TV D35 DT CP 4.0 111		2.0 83	2.0 83
WTAP-TV D35 DT CP 9.0 487		7.0 459	7.0 459

Interference to BLANK0000034440 CP scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	
Undesireds: WCYB-TV	D35	LD	APP	BRISTOL, VA	WCBY DRT 35 8DSBM 15KW	49.0 km
WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	181.4
WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	162.1
WUPA	D36	DT	CP	ATLANTA, GA	BLANK0000033802	338.6
WFXG	D36	DT	CP	AUGUSTA, GA	BLANK0000034163	294.2
WKAS	D36	DT	CP	ASHLAND, KY	BLANK0000025282	275.3
WEPX-TV	D36	DT	CP	GREENVILLE, NC	BLANK0000034893	405.7
WBFT-CD	D36	DC	CP	SANFORD, NC	BLANK0000034838	248.6
WFXB	D36	DT	CP	MYRTLE BEACH, SC	BLANK0000027052	319.1
WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	161.7
WFXR	D36	DT	CP	ROANOKE, VA	BLANK0000027724	196.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
36998.1 3,150,826	32653.8 2,714,796	31877.2 2,670,286	31808.7 2,658,497	0.21 0.44

Undesired	Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP 117.8 18,467			68.4 11,789
WFMY-TV D35 DT CP 120.1 12,259		84.7 7,835	84.7 7,835
WMYA-TV D35 DT CP 23.0 1,010		10.0 413	10.0 413
WUPA D36 DT CP 30.9 1,723		10.9 1,231	10.9 1,231
WFXG D36 DT CP 167.6 5,878		78.8 2,561	78.8 2,561
WEPX-TV D36 DT CP 2.0 550		0.0 0	0.0 0
WBFT-CD D36 DC CP 2.0 164		0.0 0	0.0 0
WFXB D36 DT CP 96.8 4,827		28.9 1,849	28.9 1,849
WVLR D36 DT CP 100.6 6,373		72.5 4,610	43.3 1,457
WFXR D36 DT CP 423.9 23,531		335.6 16,714	322.5 14,183

Interference to BLDTA20140717ACJ LIC scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WAPK-CD	D36	DC	LIC	BRISTOL VA/KINGSPORT, TN	BLDTA20140717ACJ	

Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	3.3 km
	WYFF	D36	DT	LIC	GREENVILLE, SC	BLCDT20090901ACV	152.6
	WPXR-TV	D36	DT	LIC	ROANOKE, VA	BLCDT20020510AAB	195.5

Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
7176.3	492,391	6301.0	459,012	6272.9	458,196	6234.6	456,727
							0.61 0.32

Undesired		Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	40.2	1,531		38.2 1,469
WYFF D36 DT LIC	11.0	211	11.0 211	9.0 149
WPXR-TV D36 DT LIC	17.1	605	17.1 605	17.1 605

Interference to BLANK0000025318 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	137.8 km
	WUPA	D36	DT	CP	ATLANTA, GA	BLANK0000033802	280.0
	WFXG	D36	DT	CP	AUGUSTA, GA	BLANK0000034163	355.7
	WKAS	D36	DT	CP	ASHLAND, KY	BLANK0000025282	260.6
	WAVE	D36	DT	CP	LOUISVILLE, KY	BLANK0000034345	304.8
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	161.7
	WTVF	D36	DT	CP	NASHVILLE, TN	BLANK0000034672	283.1
	WFXR	D36	DT	CP	ROANOKE, VA	BLANK0000027724	326.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
27350.0	1,414,486	24356.8	1,318,000	24187.4	1,313,559	24184.3	1,313,312
							0.01 0.02

Undesired		Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	5.0	269		3.0 247
WUPA D36 DT CP	5.0	550	1.0 0	1.0 0
WFXG D36 DT CP	2.0	0	0.0 0	0.0 0
WKAS D36 DT CP	2.0	0	0.0 0	0.0 0
WAVE D36 DT CP	73.2	1,070	37.1 703	37.1 703
WUNE-TV D36 DT CP	52.2	2,188	42.2 1,638	41.2 1,616
WTVF D36 DT CP	72.1	1,051	36.0 467	36.0 467
WFXR D36 DT CP	10.1	716	10.1 716	9.1 716

Interference to BLANK0000025318 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVLR	D36	DT	CP	TAZEWELL, TN	BLANK0000025318	
Undesireds:	WCYB-TV	D35	LD	APP	BRISTOL, VA	WCYB DRT 35 8DSBM 15KW	137.8 km
	WUPA	D36	DT	CP	ATLANTA, GA	BLANK0000033802	280.0
	WFXG	D36	DT	CP	AUGUSTA, GA	BLANK0000034163	355.7
	WKAS	D36	DT	APP	ASHLAND, KY	BLANK0000034657	260.6
	WAVE	D36	DT	CP	LOUISVILLE, KY	BLANK0000034345	304.8
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	161.7
	WTVF	D36	DT	CP	NASHVILLE, TN	BLANK0000034672	283.1
	WFXR	D36	DT	CP	ROANOKE, VA	BLANK0000027724	326.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
27350.0	1,414,486	24356.8	1,318,000	24181.4	1,313,559	24178.3	1,313,312
							0.01 0.02

Undesired		Total IX	Unique IX, before	Unique IX, after
WCYB-TV D35 LD APP	5.0	269		3.0 247
WUPA D36 DT CP	5.0	550	1.0 0	1.0 0
WFXG D36 DT CP	2.0	0	0.0 0	0.0 0
WKAS D36 DT APP	14.0	188	6.0 0	6.0 0
WAVE D36 DT CP	73.2	1,070	35.1 703	35.1 703
WUNE-TV D36 DT CP	52.2	2,188	41.2 1,450	40.2 1,428
WTVF D36 DT CP	72.1	1,051	36.0 467	36.0 467
WFXR D36 DT CP	10.1	716	10.1 716	9.1 716

Interference to proposal scenario 1

Desired:	Call WCYB-TV	Chan D35	Svc LD	Status APP	City, State BRISTOL, VA	File Number WCBY DRT 35 8DSBM 15KW	Distance
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Undesireds:	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	59.3 km
	WFMY-TV	D35	DT	CP	GREENSBORO, NC	BLANK0000028086	213.5
	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	200.8
	WJDW-LD	D35	LD	LIC	TAZEWELL, VA	BLDTL20110525ADU	97.1
	WUNE-TV	D36	DT	CP	LINVILLE, NC	BLANK0000034440	49.0

	Service area		Terrain-limited		IX-free		Percent IX
13926.9	709,730	11681.7	619,197	11635.4	618,145	0.40	0.17

Undesired			Total IX		Unique IX	Prcnt Unique IX	
W35CO-D D35- LD LIC		11.1	324	10.1	324	0.09	0.05
WFMY-TV D35 DT CP		17.1	503	13.1	502	0.11	0.08
WMYA-TV D35 DT CP		3.0	1	0.0	0	0.00	0.00
WJDW-LD D35 LD LIC		17.0	219	17.0	219	0.15	0.04
WUNE-TV D36 DT CP		3.0	7	2.0	6	0.02	0.00