

INTERFERENCE ANALYSIS FOR PROPOSED W44CX-D, SYLVA, NC, CHANNEL 23, DISPLACEMENT FACILITY

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: w44cx23d1, Model: Longley-Rice

Study build station data: LMS TV 2018-05-15

Proposal: W44CX23D1 D23 LD APP SYLVA, NC
File number: w44cx23d1
Facility ID: 72301
Station data: User record
Record ID: 2756
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Search options:

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSKC-CD	D22	DC	LIC	ATLANTA, GA	BLDTA20130417AAG	167.7 km
No	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	199.3
No	WHSB-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	199.3
No	WKSJ-LD	D22	LD	CP	SUMMERVILLE/TRION, GA	BDISDTL20091214ABM	202.7
Yes	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	69.0
Yes	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	69.0
No	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	BLANK0000053440	98.0
No	WCNC-TV	D22	DT	LIC	CHARLOTTE, NC	BLCDT20031211ABN	196.2
No	W51EE-D	D22	LD	APP	MARION, NC	BLANK0000053445	126.3
No	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	270.7
No	WCTE	D22	DT	LIC	COKEVILLE, TN	BLEDT20110413ACS	204.2
No	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	123.7
No	WCTD-LP	N22-	TX	LIC	DUCKTOWN, TN	BLTTL20070622ADD	106.6
No	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	149.4
No	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	64.6
No	WJZC-LP	D22	LD	CP	SEVIERVILLE, TN	BDFCDTL20130917AET	64.6
No	WOIL-CD	D23	DC	CP	TALLADEGA, AL	BLANK0000034660	338.7
No	W23DV-D	D23	LD	CP	ATHENS, GA	BMPDTL20140522AGK	176.6
No	WAAU-LD	D23	LD	LIC	AUGUSTA, GA	BLDTL20120522AFJ	238.9
No	W13DJ-D	D23	LD	APP	CARROLLTON, GA	BLANK0000053935	249.3
No	WJSP-TV	D23	DT	LIC	COLUMBUS, GA	BLANK0000016507	302.4
No	WKTB-CD	D23	DC	CP	NORCROSS, GA	BLANK0000034685	175.6
No	WPGA-TV	D23	DT	CP	PERRY, GA	BLANK0000028377	287.0
No	WLCU-CD	D23	DC	LIC	CAMPBELLSVILLE, KY	BLANK0000001583	288.4
No	WKZT-TV	D23	DT	CP	ELIZABETHTOWN, KY	BLANK0000034628	344.5
Yes	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	229.5
Yes	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	229.5
Yes	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	194.8
No	WWHO	D23	DT	CP	CHILLICOTHE, OH	BLANK0000027709	474.2
No	WLDW-LD	D23	LD	LIC	MYRTLE BEACH, SC	BLANK0000007794	370.7
No	WLDW-LD	D23	LD	CP	MYRTLE BEACH, SC	BLANK0000036406	349.3
Yes	WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	181.0
Yes	WPXK-TV	D23	DT	LIC	JELICO, TN	BLCDT20140702ABN	93.2
No	WJDE-LD	D23	DC	CP	NASHVILLE, TN	BLANK0000034264	324.5
No	WNAB	D23	DT	LIC	NASHVILLE, TN	BLCDT20040712AAO	328.8
No	WAPW-CD	D23	DC	CP	ABINGDON, ETC., VA	BLANK0000026135	237.8
No	WJDG-LD	D23	LD	LIC	GRUNDY, VA	BLDTL20120619ABQ	270.6
No	WSAZ-TV	D23	DT	LIC	HUNTINGTON, WV	BLANK0000001039	367.5
No	W45DX-D	D24	LD	CP	ATLANTA, GA	BDISDTL20100105ACD	192.3
No	WVND-LD	D24	LD	LIC	SUWANEE, GA	BLANK0000007921	156.5
No	WVND-LD	D24	LD	CP	SUWANEE, GA	BLANK0000008308	199.3
Yes	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	79.7
No	WKPI-TV	D24	DT	LIC	PIKEVILLE, KY	BLANK0000007531	229.5
No	WLNN-CD	D24z	DC	LIC	BOONE, NC	BLANK0000001556	178.2
No	WCNC-TV	D24	DT	CP	CHARLOTTE, NC	BLANK0000034763	196.2
No	WDDA-LD	D24	LD	CP	CHATTANOOGA, TN	BDCCDTL20110616AAB	182.8
No	WDTT-LD	D24	LD	LIC	KNOXVILLE, TN	BLDTL20130311AEF	93.2
Yes	WETP-TV	D24	DT	CP	SNEEDVILLE, TN	BLANK0000029748	118.1
No	W21BZ	N30-	TX	LIC	COLLEGE DALE, TN	BLTTL19990802JH	161.5
No	W31AZ-D	N31-	TX	LIC	HENDERSONVILLE, NC	BLTTL19940525JJ	82.1

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No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D23

Mask: Stringent

Latitude: 35 19 35.30 N (NAD83)

Longitude: 83 20 5.50 W

Height AMSL: 1526.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: DIE-DLP-8D (ID 100586) 60.0 deg

Elev Pattn: Generic

Elec Tilt: 1.50

49.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.95 kW	789.4 m	67.4 km
45.0	13.9	574.8	68.1
90.0	11.6	829.0	72.8
135.0	3.86	455.9	56.6
180.0	0.739	747.2	52.8
225.0	1.84	829.9	60.2
270.0	1.21	487.2	50.6
315.0	1.31	530.8	52.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 656 m

Distance to Canadian border: 708.1 km

Distance to Mexican border: 1661.1 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 218.4 degrees Distance: 206.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 292.0 degrees Distance: 1991.1 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 BLANK0000052015 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	69.0 km
	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	258.8
	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	BLANK0000053440	40.6
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000034450	332.3
	W51EE-D	D22	LD	APP	MARION, NC	BLANK0000053445	58.9
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	238.5
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	166.9
	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLANK0000051638	250.6
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	191.5
	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	103.1
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	87.0
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	135.2

	Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4085.7	398,389	3143.3	338,527	3049.8	336,518
				3047.9	336,518
					0.06 0.00

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Undesired		Total IX	Unique IX, before	Unique IX, after
W44CX23D1 D23 LD APP	3.0	0		2.0
WHSB-TV D22 DT CP	3.0	82	2.0	82
W41DI-D D22 LD APP	56.6	894	33.8	806
WUVC-DT D22 DT CP	1.0	0	0.0	0
W51EE-D D22 LD APP	30.8	1,033	18.9	846
WACH D22 DT CP	28.8	275	4.0	0
WVEB-LD D22 LD APP	8.0	0	4.0	0
WCTE D22 DT LIC	2.0	117	1.0	0
WKPT-CD D22 DC LIC	1.0	0	1.0	0
WBTV D23 DT LIC	3.0	0	0.0	0

Interference to BDISDTL20120119ABD CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	69.0 km
	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	258.8
	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	BLANK0000053440	40.6
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000034450	332.3
	W51EE-D	D22	LD	APP	MARION, NC	BLANK0000053445	58.9
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	238.5
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	166.9
	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLDT20110413ACS	250.6
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	191.5
	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	103.1
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	87.0
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	135.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
4085.7	398,389	3143.3	338,527	3049.8
			336,518	3047.9
				336,518
				0.06
				0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
W44CX23D1 D23 LD APP	3.0	0		2.0
WHSB-TV D22 DT CP	3.0	82	2.0	82
W41DI-D D22 LD APP	56.6	894	33.8	806
WUVC-DT D22 DT CP	1.0	0	0.0	0
W51EE-D D22 LD APP	30.8	1,033	18.9	846
WACH D22 DT CP	28.8	275	4.0	0
WVEB-LD D22 LD APP	8.0	0	4.0	0
WCTE D22 DT LIC	2.0	117	1.0	0
WKPT-CD D22 DC LIC	1.0	0	1.0	0
WBTV D23 DT LIC	3.0	0	0.0	0

Interference to BLANK0000025330 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	229.5 km
	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	84.4
	WSAZ-TV	D22	DT	CP	HUNTINGTON, WV	BLANK0000034103	138.8
	WKZT-TV	D23	DT	CP	ELIZABETHTOWN, KY	BLANK0000034628	295.9
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	244.8
	WWHO	D23	DT	CP	CHILLICOTHE, OH	BLANK0000027709	261.1
	WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	344.2
	WAPW-CD	D23	DC	CP	ABINGDON, ETC., VA	BLANK0000026135	96.9
	WETP-TV	D24	DT	CP	SNEEDVILLE, TN	BLANK0000029748	116.2
	WVAH-TV	D24	DT	CP	CHARLESTON, WV	BLANK0000027764	136.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
19222.1	469,864	16927.3	408,563	16561.5
			402,599	16561.5
				402,599
				0.00
				0.00

Undesired		Total IX	Unique IX, before	Unique IX, after
W44CX23D1 D23 LD APP	2.0	0		0.0
WKPT-CD D22 DC LIC	34.1	176	11.0	171

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WSAZ-TV D22 DT CP	97.0	1,021	56.6	551	56.6	551
WKZT-TV D23 DT CP	5.0	0	1.0	0	1.0	0
WBTW D23 DT LIC	31.1	906	22.1	757	22.1	757
WWHO D23 DT CP	88.9	1,570	70.7	1,456	70.7	1,456
WFLI-TV D23 DT CP	3.0	0	2.0	0	2.0	0
WAPW-CD D23 DC CP	42.0	324	20.0	146	20.0	146
WETP-TV D24 DT CP	48.1	637	25.0	498	25.0	498
WVAH-TV D24 DT CP	115.2	2,196	74.8	1,618	74.8	1,618

Interference to BLANK0000034629 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	229.5 km
	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	84.4
	WSAZ-TV	D22	DT	CP	HUNTINGTON, WV	BLANK0000034103	138.8
	WKZT-TV	D23	DT	CP	ELIZABETHTOWN, KY	BLANK0000034628	295.9
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	244.8
	WWHO	D23	DT	CP	CHILLICOTHE, OH	BLANK0000027709	261.1
	WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	344.2
	WAPW-CD	D23	DC	CP	ABINGDON, ETC., VA	BLANK0000026135	96.9
	WETP-TV	D24	DT	CP	SNEEDVILLE, TN	BLANK0000029748	116.2
	WVAH-TV	D24	DT	CP	CHARLESTON, WV	BLANK0000027764	136.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
22842.7	604,216	19889.8	488,797	19420.9	481,082	19420.9	481,082	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
W44CX23D1 D23 LD APP	2.0	0			0.0	0
WKPT-CD D22 DC LIC	94.2	1,804	28.1	339	28.1	339
WSAZ-TV D22 DT CP	96.0	1,021	56.6	551	56.6	551
WKZT-TV D23 DT CP	6.0	594	2.0	498	2.0	498
WBTW D23 DT LIC	37.1	530	13.0	99	13.0	99
WWHO D23 DT CP	90.8	1,056	72.7	907	72.7	907
WFLI-TV D23 DT CP	29.0	436	6.0	0	6.0	0
WAPW-CD D23 DC CP	72.1	1,668	43.0	768	43.0	768
WETP-TV D24 DT CP	104.2	1,924	45.1	632	45.1	632
WVAH-TV D24 DT CP	113.2	2,196	73.8	1,618	73.8	1,618

Interference to BLCDT19991025AEB LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	194.8 km
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000034450	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	180.5
	WKTW-CD	D23	DC	CP	NORCROSS, GA	BLANK0000034685	319.2
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	244.8
	WARZ-CD	D23	DC	CP	SMITHFIELD-SELMA, NC	BLANK0000034835	261.8
	WEET	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	375.6
	WAPW-CD	D23	DC	CP	ABINGDON, ETC., VA	BLANK0000026135	173.8
	WTVR-TV	D23	DT	CP	RICHMOND, VA	BLANK0000034245	399.7
	WCNC-TV	D24	DT	CP	CHARLOTTE, NC	BLANK0000034763	2.4
	WETP-TV	D24	DT	CP	SNEEDVILLE, TN	BLANK0000029748	212.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
46301.0	4,433,864	44004.4	4,288,118	42877.8	4,258,212	42864.8	4,256,391	0.03	0.04

Undesired		Total IX	Unique IX, before		Unique IX, after	
W44CX23D1 D23 LD APP	14.0	1,821			13.0	1,821
WUVC-DT D22 DT CP	53.7	1,642	11.9	456	11.9	456
WACH D22 DT CP	424.9	4,996	397.8	4,756	397.8	4,756
WKPT-CD D22 DC LIC	2.0	2	0.0	0	0.0	0
WKTW-CD D23 DC CP	1.0	0	1.0	0	1.0	0

INTERFERENCE ANALYSIS FOR PROPOSED W44CX-D, SYLVA, NC, CHANNEL 23, DISPLACEMENT FACILITY

WKPI-TV D23 DT CP	4.0	2	1.0	0	1.0	0
WARZ-CD D23 DC CP	19.9	681	1.0	0	1.0	0
WECT D23 DT CP	387.6	13,249	302.7	10,088	301.7	10,088
WFLI-TV D23 DT CP	1.0	72	1.0	72	1.0	72
WAPW-CD D23 DC CP	13.1	375	13.1	375	13.1	375
WTVR-TV D23 DT CP	11.0	1,521	1.0	48	1.0	48
WCNC-TV D24 DT CP	309.2	10,957	305.2	10,948	305.2	10,948
WETP-TV D24 DT CP	1.0	0	0.0	0	0.0	0

Interference to BLANK0000034902 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	181.0 km
	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	180.2
	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	112.6
	WOIL-CD	D23	DC	CP	TALLADEGA, AL	BLANK0000034660	210.9
	WKTB-CD	D23	DC	CP	NORCROSS, GA	BLANK0000034685	171.9
	WKZT-TV	D23	DT	CP	ELIZABETHTOWN, KY	BLANK0000034628	284.1
	WKPD	D23	DT	CP	PADUCAH, KY	BLANK0000025329	369.9
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	344.2
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	375.6
	WJDE-LD	D23	DC	CP	NASHVILLE, TN	BLANK0000034264	176.3
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	120.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
25352.0	1,294,296	22012.0	1,186,065	21364.6	1,161,856	21288.2	1,159,699	0.36	0.19

Undesired		Total IX	Unique IX, before		Unique IX, after	
W44CX23D1 D23 LD APP	81.4	2,157			76.4	2,157
WHSB-TV D22 DT CP	3.0	49		49	3.0	49
WCTE D22 DT LIC	97.5	1,694	76.6	1,162	75.6	1,162
WOIL-CD D23 DC CP	229.4	8,924	185.1	6,012	184.1	6,012
WKTB-CD D23 DC CP	259.3	13,388	205.1	10,442	205.1	10,442
WKZT-TV D23 DT CP	11.9	148	1.0	0	0.0	0
WBTB D23 DT LIC	3.0	0	2.0	0	1.0	0
WJDE-LD D23 DC CP	121.4	3,490	98.5	3,123	98.5	3,123
WHIQ D24 DT LIC	11.1	209	5.0	93	5.0	93

Interference to BLCDT20140702ABN LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WPXK-TV	D23	DT	LIC	JELLICO, TN	BLCDT20140702ABN	
Undesireds:	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	93.2 km
	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	127.2
	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	134.7
	WJSP-TV	D23	DT	LIC	COLUMBUS, GA	BLANK0000016507	357.1
	WLCU-CD	D23	DC	LIC	CAMPBELLSVILLE, KY	BLANK0000001583	195.3
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	258.8
	WNAB	D23	DT	LIC	NASHVILLE, TN	BLCDT20040712AAO	257.6
	WSAZ-TV	D23	DT	LIC	HUNTINGTON, WV	BLANK0000001039	317.6
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	163.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
44832.8	1,908,563	36411.5	1,658,357	34823.9	1,614,826	34605.8	1,613,610	0.63	0.08

Undesired		Total IX	Unique IX, before		Unique IX, after	
W44CX23D1 D23 LD APP	351.2	1,777			218.1	1,216
WCTE D22 DT LIC	772.2	28,019	450.3	16,320	443.2	16,311
WKPT-CD D22 DC LIC	151.0	6,583	141.9	6,453	138.9	6,446
WJSP-TV D23 DT LIC	5.0	0	1.0	0	1.0	0
WLCU-CD D23 DC LIC	126.5	1,441	39.1	309	37.1	247
WBTB D23 DT LIC	104.6	197	93.6	150	41.9	150
WNAB D23 DT LIC	581.3	15,737	228.3	3,885	210.3	3,760
WSAZ-TV D23 DT LIC	283.4	4,511	229.2	4,139	225.2	4,139
WGTA D24 DT LIC	7.0	0	4.0	0	1.0	0

Interference to BLANK0000001315 LIC scenario 1

Interference to BLANK0000029748 CP scenario 1

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent	New IX
42076.3	2,341,990	34764.3	2,021,494	33828.7	1,981,038	33787.0	1,980,775	0.12	0.01
Undesired		Total IX		Unique IX, before		Unique IX, after			
W44CX23D1 D23 LD APP	75.5	266				41.7	263		
WKPI-TV D23 DT CP	21.9	769		3.0	239	3.0	239		
WBTW D23 DT LIC	9.1	27		1.0	0	1.0	0		
WAPW-CD D23 DC CP	126.5	8,737		120.4	8,737	120.4	8,737		
WHIQ D24 DT LIC	49.1	3,163		41.1	3,035	38.1	3,035		
WGTA D24 DT LIC	30.8	18		22.9	18	5.0	15		
WNKY D24 DT CP	164.1	11,164		70.2	2,800	69.2	2,800		
WKON D24 DT CP	101.9	4,722		20.0	799	20.0	799		
WCNC-TV D24 DT CP	113.3	985		92.2	891	87.3	891		
WVAH-TV D24 DT CP	493.8	21,337		338.0	12,127	338.0	12,127		
WUPX-TV D25 DT CP	75.8	1,937		21.9	1,390	21.9	1,390		
WJZY D25 DT CP	8.1	14		0.0	0	0.0	0		

Interference to proposal scenario 1

Desired:	Call W44CX23D1	Chan D23	Svc LD	Status APP	City, State SYLVA, NC	File Number w44cx23d1	Distance
Undesireds:	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	69.0 km
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	123.7

INTERFERENCE ANALYSIS FOR PROPOSED W44CX-D, SYLVA, NC, CHANNEL 23, DISPLACEMENT FACILITY

WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	64.6
W23DV-D	D23	LD	CP	ATHENS, GA	BMPDTL20140522AGK	176.6
WAAU-LD	D23	LD	LIC	AUGUSTA, GA	BLDTL20120522AFJ	238.9
WKTb-CD	D23	DC	CP	NORCROSS, GA	BLANK0000034685	175.6
WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	229.5
WBTv	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	194.8
WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	181.0
WVND-LD	D24	LD	LIC	SUWANEE, GA	BLANK0000007921	156.5
WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	79.7
WETP-TV	D24	DT	CP	SNEEDVILLE, TN	BLANK0000029748	118.1

Service area	Terrain-limited	IX-free	Percent IX
11899.0 373,611	7096.3 157,845	7002.7 157,214	1.32 0.40

Undesired	Total IX	Unique IX	Prcnt Unique IX
W41BQ D22- LD APP	1.0 0	0.0 0	0.00 0.00
W23DV-D D23 LD CP	17.0 273	5.0 171	0.07 0.11
WAAU-LD D23 LD LIC	7.0 26	0.0 0	0.00 0.00
WKTb-CD D23 DC CP	12.0 26	2.0 0	0.03 0.00
WBTv D23 DT LIC	42.9 276	22.9 88	0.32 0.06
WFLI-TV D23 DT CP	53.7 270	35.8 158	0.50 0.10
WGTA D24 DT LIC	1.0 0	0.0 0	0.00 0.00
WETP-TV D24 DT CP	1.0 0	0.0 0	0.00 0.00

----- Interference to proposal scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W44CX23D1	D23	LD	APP	SYLVA, NC	w44cx23d1	
Undesireds:	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	69.0 km
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	123.7
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	64.6
	W23DV-D	D23	LD	CP	ATHENS, GA	BMPDTL20140522AGK	176.6
	WAAU-LD	D23	LD	LIC	AUGUSTA, GA	BLDTL20120522AFJ	238.9
	WKTb-CD	D23	DC	CP	NORCROSS, GA	BLANK0000034685	175.6
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	229.5
	WBTv	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	194.8
	WFLI-TV	D23	DT	CP	CLEVELAND, TN	BLANK0000034902	181.0
	WVND-LD	D24	LD	LIC	SUWANEE, GA	BLANK0000007921	156.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	79.7
	WETP-TV	D24	DT	CP	SNEEDVILLE, TN	BLANK0000029748	118.1

Service area	Terrain-limited	IX-free	Percent IX
11899.0 373,611	7096.3 157,845	7002.7 157,214	1.32 0.40

Undesired	Total IX	Unique IX	Prcnt Unique IX
W41BQ D22 LD CP	1.0 0	0.0 0	0.00 0.00
W23DV-D D23 LD CP	17.0 273	5.0 171	0.07 0.11
WAAU-LD D23 LD LIC	7.0 26	0.0 0	0.00 0.00
WKTb-CD D23 DC CP	12.0 26	2.0 0	0.03 0.00
WBTv D23 DT LIC	42.9 276	22.9 88	0.32 0.06
WFLI-TV D23 DT CP	53.7 270	35.8 158	0.50 0.10
WGTA D24 DT LIC	1.0 0	0.0 0	0.00 0.00
WETP-TV D24 DT CP	1.0 0	0.0 0	0.00 0.00