

**Special Displacement Window Application**

LPTV or Translator Facility: W09AS-D Facility ID 53899 Burnsville, NC  
Licensed Ch. 9 File# BLDTV-20140623ABR

Nature of Displacement: Interference caused to WJHL-TV Repack Ch. 9 Johnson City TN  
Interference received from WJHL-TV Repack Ch. 9 Johnson City TN  
TVStudy Displacement summary in Table 1

Proposed Facility: Ch. 7 0.013 kW ERP directional (azimuth pattern in Figure 1)

Modification Compliance: 0.0 km from licensed site  
No change in contour (comparison in Figure 2)  
TVStudy Analysis report in Table 2

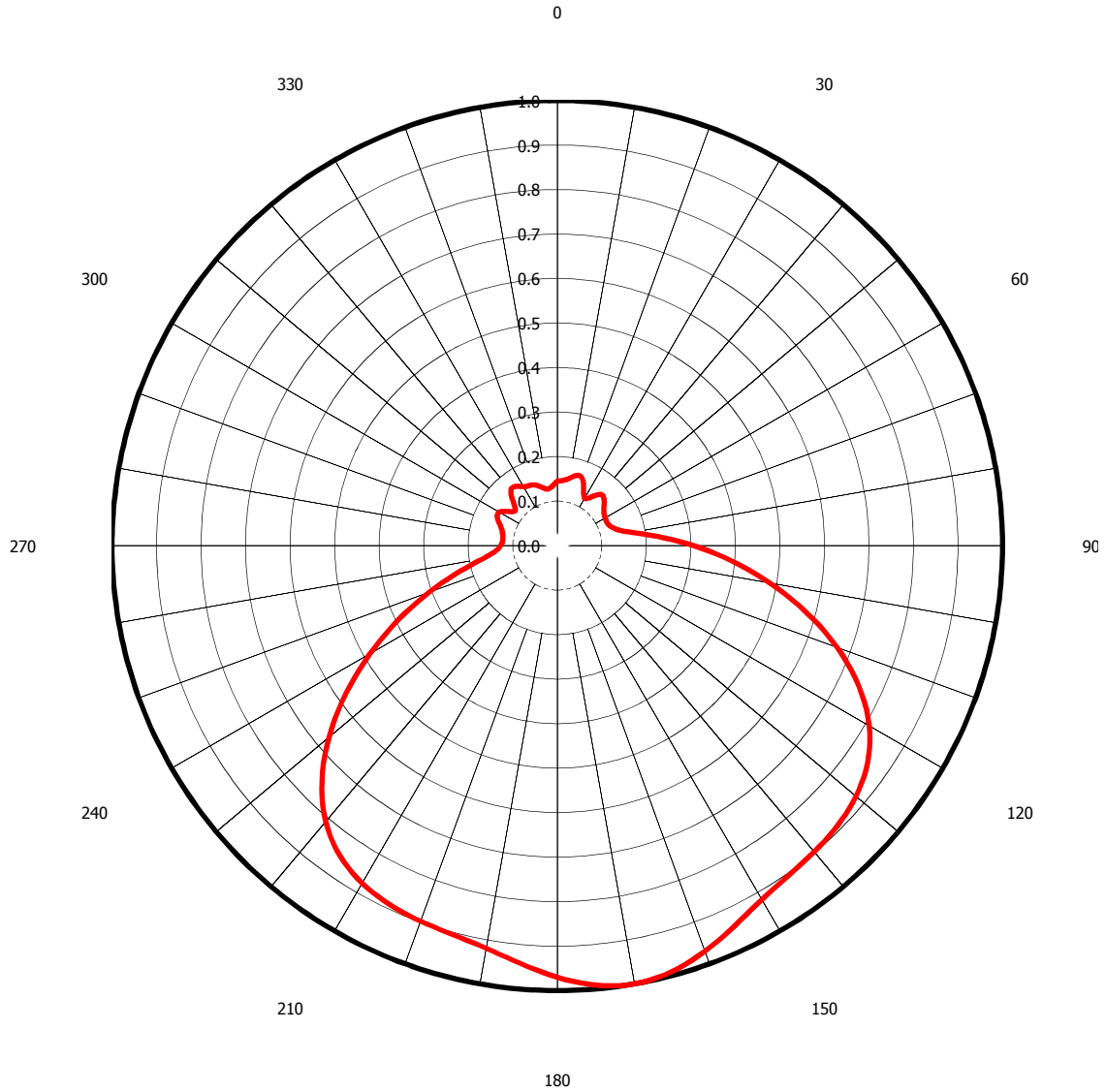
Contingent Application Rule: No waiver required, not dependent on spectrum to be vacated

RF Exposure: The calculated signal density near the tower at two meters above ground level attributable to the proposed facility is 0.5 percent of the general population/uncontrolled maximum permitted exposure limit. Calculations conducted pursuant to FCC OET Bulletin Number 65 and incorporate 100 percent relative field at downward angles (worst-case). This is below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal's contribution is less than five percent.

**Chesapeake RF Consultants, LLC**

Joseph M. Davis, P.E. April 17, 2018  
207 Old Dominion Road Yorktown, VA 23692 703-650-9600

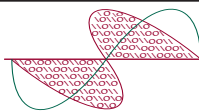
**Azimuth Pattern - Relative Field  
(True North)**



**Figure 1**  
**Antenna Azimuthal Pattern**  
**W09AS-D Burnsville, NC**  
**Facility ID 53899**  
**Ch. 7 (digital) 0.013 kW**

prepared for  
**WYFF Hearst Television Inc.**

April, 2018

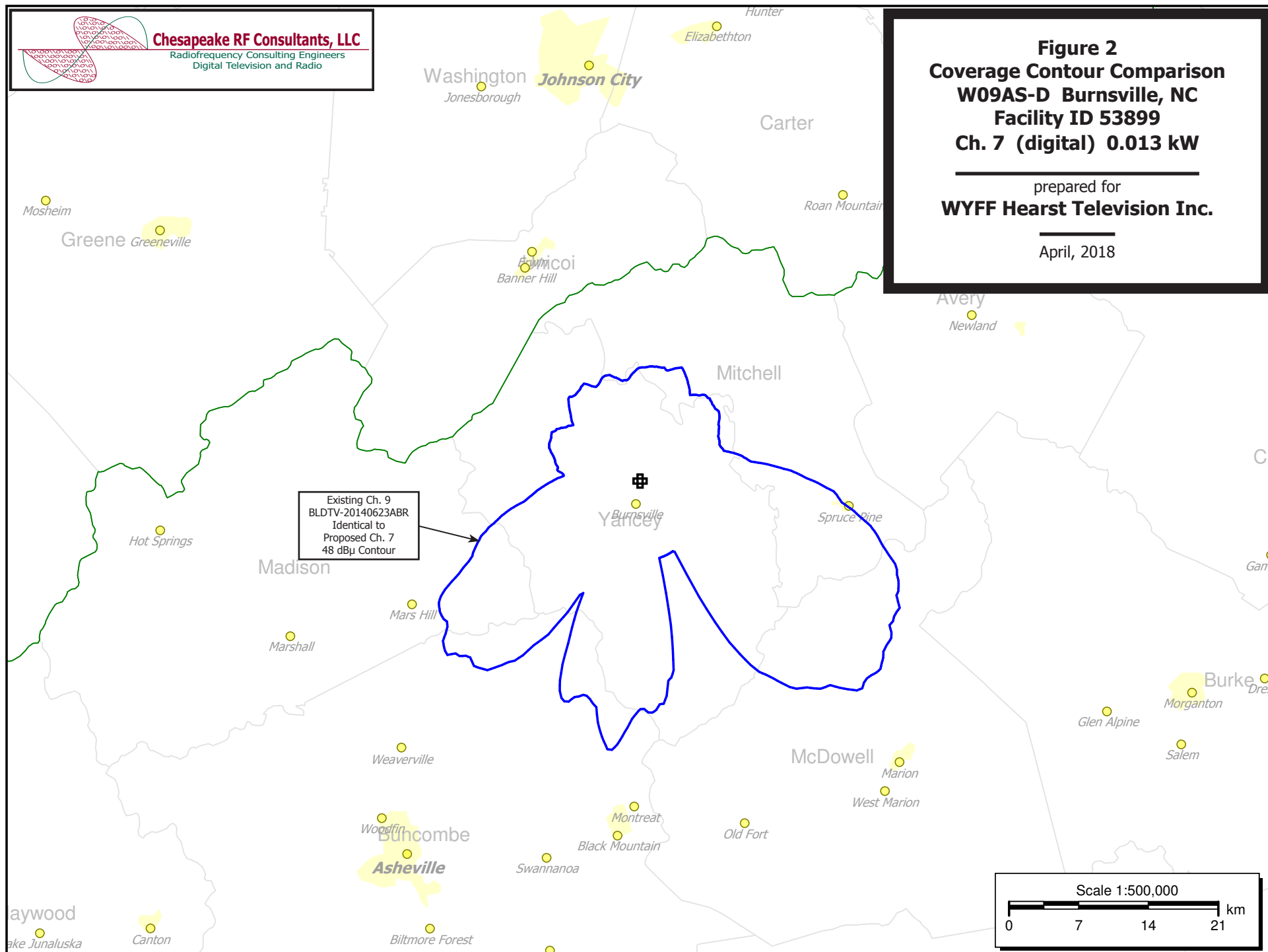


**Chesapeake RF Consultants, LLC**  
Radiofrequency Consulting Engineers  
Digital Television and Radio

**Figure 2**  
**Coverage Contour Comparison**  
**W09AS-D Burnsville, NC**  
**Facility ID 53899**  
**Ch. 7 (digital) 0.013 kW**

prepared for  
**WYFF Hearst Television Inc.**

April, 2018



**Table 1 W09AS-D Ch. 9 TVStudy Displacement Summary**  
(page 1 of 1)



### Interference caused to WJHL-TV Repack Ch. 9 Johnson City TN

Interference to BLANK0000027557 CP scenario 1

\*\*IX: 4.48% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	
Undesireds:	W09AS-D	D9	LD	LIC	BURNSVILLE, NC	BLDTV20140623ABR	56.7 km
	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	167.5
	WSWP-TV	D8	DT	CP	GRANDVIEW, WV	BLANK0000026238	191.9
	WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	181.8
	WTVD	D9	DT	CP	DURHAM, NC	BLANK0000025609	334.9
	WTVG	D9	DT	LIC	CHATTANOOGA, TN	BLCDT20090914ABU	319.6
	WVPB-TV	D9	DT	CP	HUNTINGTON, WV	BLANK0000034622	229.4
	WBIR-TV	D10	DT	LIC	KNOXVILLE, TN	BLCDT20090619ADG	168.4
<hr/>							
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	49934.8	2,238,662	39175.6	1,614,061	36916.5	1,476,102	36003.4 1,409,927 2.47 <b>4.48</b>
<hr/>							
Undesired			Total IX		Unique IX, before		Unique IX, after
W09AS-D D9 LD LIC			1064.7	76,854	913.1	66,175	
WNTV D8 DT CP			48.7	113	17.9	40	2
WTVI D9 DT CP			1304.0	96,223	827.0	50,839	748.0 47,007
WTVD D9 DT CP			650.8	62,990	197.6	17,621	185.7 15,347
WTVG D9 DT LIC			203.4	5,732	136.8	3,396	130.8 3,195
WVPB-TV D9 DT CP			403.0	6,765	394.0	6,750	393.0 6,750
WBIR-TV D10 DT LIC			199.8	13,912	141.3	11,594	141.3 11,594

### Interference received from WJHL-TV Repack Ch. 9 Johnson City TN

Interference to proposal scenario 1

21.21% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W09AS-D	D9	LD	LIC	BURNSVILLE, NC	BLDTV20140623ABR	
Undesireds:	W08BF-D	D8	LD	LIC	SPRUCE PINE, NC	BLDTV20120622AAZ	18.5 km
	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	111.2
	WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	161.7
	W09AR-D	D9	LD	LIC	WEAVERVILLE, NC	BLDTV20120622ABD	39.2
	WTVG	D9	DT	LIC	CHATTANOOGA, TN	BLCDT20090914ABU	286.6
	<b>WJHL-TV</b>	<b>D9</b>	<b>DT</b>	<b>CP</b>	<b>JOHNSON CITY, TN</b>	<b>BLANK0000027557</b>	<b>56.7</b>
	W10AL-D	D10	LD	LIC	CHEROKEE, ETC., NC	BLDTV20120622ABJ	105.7
	W10AK-D	D10	LD	LIC	SPRUCE PINE, NC	BLANK0000007866	18.5
	W10AJ	N10	TX	LIC	GREENVILLE, SC	BLTTV3015	111.3
<hr/>							
	Service area	Terrain-limited		IX-free		Percent IX	
	950.5	25,288	829.7	21,421	633.7	16,878	23.62 21.21
<hr/>							
Undesired			Total IX		Unique IX		Prcnt Unique IX
W08BF-D D8 LD LIC			4.1	795	1.0	106	0.12 0.49
WTVI D9 DT CP			24.1	869	16.1	180	1.94 0.84
W09AR-D D9 LD LIC			18.1	365	10.1	365	1.22 1.70
WJHL-TV D9 DT CP			167.8	3,890	152.7	3,203	18.41 <b>14.95</b>
W10AK-D D10 LD LIC			1.0	0	0.0	0	0.00 0.00

**Table 2 W09AS-D TVStudy Analysis of Proposal**  
(page 1 of 6)



tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: W09AS-D Prop Ch-7 all, Model: Longley-Rice  
Start: 2018.04.17 15:30:10

Study created: 2018.04.17 15:30:09

Study build station data: LMS TV 2018-04-16 #170

Proposal: W09AS-D D7 LD APP BURNSVILLE, NC  
File number: W09AS-D Prop Ch-7  
Facility ID: 53899  
Station data: User record  
Record ID: 1970  
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	WCIQ	D7	DT	LIC	MOUNT CHEAHA, AL	BLEDT20120828AAV	421.0 km
No	WGTW	D7	DT	CP	ATHENS, GA	BLANK0000034195	290.8
No	WMUM-TV	D7	DT	LIC	COCHRAN, GA	BLANK0000019160	395.4
Yes	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	222.8
No	WITV	D7	DT	LIC	CHARLESTON, SC	BLANK0000018968	410.9
No	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	245.9
Yes	WSPA-TV	D7	DT	LIC	SPARTANBURG, SC	BLCDT20090918ACF	85.3
Yes	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	147.4
No	WNPT	D7	DT	CP	NASHVILLE, TN	BLANK0000028116	407.8
No	WSET-TV	D7	DT	CP	LYNCHBURG, VA	BLANK0000034390	282.5
No	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	70.5
No	WTRF-TV	D7	DT	LIC	WHEELING, WV	BLCDT20090227ABV	477.9
No	W08EG-D	D8	LD	LIC	TOCCOA, GA	BLDTV20091008ACL	176.6
No	W08BH	N8	TX	LIC	ANDREWS, ETC., NC	BLTT3301	155.1
No	W08BP-D	D8	LD	LIC	BEAVER DAM, NC	BLDTV20120629ABC	49.0
No	W08AN	N8	TX	LIC	BRYSON CITY, ETC., NC	BLTTV19800725IC	123.4
No	W08AO-D	D8	LD	LIC	CANTON, NC	BLDTV20120622ABH	68.7
No	W08AT-D	D8	LD	LIC	CHEROKEE, NC	BLDTV20120622ABM	106.0
No	W08AX	N8	TX	LIC	MARSHALL, NC	BLTTV1737	39.1
No	W08BF-D	D8	LD	LIC	SPRUCE PINE, NC	BLDTV20120622AAZ	18.5
No	WOLO-TV	D8	DT	LIC	COLUMBIA, SC	BLCDT20100614AIP	245.9
No	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	111.2
Yes	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	111.2
No	WSWP-TV	D8	DT	CP	GRANDVIEW, WV	BLANK0000026238	246.7
No	WSWP-TV	D8	DT	APP	GRANDVIEW, WV	BLANK0000034625	246.7
No	W10AL-D	N10	TX	CP	CHEROKEE, ETC., NC	BPTTV20120306AAG	105.7
No	W15DY-D	N10	TX	LIC	MARION, ETC., NC	BLTTV19800428IN	39.7
No	W10AJ	N10	TX	LIC	GREENVILLE, SC	BLTTV3015	111.3
No	W11AX	N11	TX	LIC	BAT CAVE, ETC., NC	BLTTV19800501IB	56.5

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:  
WKYK 940 L DAN D BURNSVILLE, NC BL19890130AG  
WKYK 940 L DAN N BURNSVILLE, NC BL19890130AG

Record parameters as studied:

Channel: D7  
Mask: Full Service  
Latitude: 35 56 16.40 N (NAD83)  
Longitude: 82 17 47.40 W  
Height AMSL: 1330.0 m  
HAAT: 0.0 m  
Peak ERP: 0.013 kW  
Antenna: TAC-Y103-9, TWO, SKEWED 65 DEGREES (ID 97924) 0.0 deg  
Elev Pattn: Generic

48.0 dBu contour:

**Table 2 W09AS-D TVStudy Analysis of Proposal**  
(page 2 of 6)

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	590.6 m	11.4 km
45.0	0.000	486.7	10.5
90.0	0.001	500.7	17.6
135.0	0.010	454.1	29.6
180.0	0.012	255.7	22.9
225.0	0.007	403.6	24.9
270.0	0.000	381.1	8.8
315.0	0.000	429.6	10.0

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 438 m

Distance to Canadian border: 637.9 km

Distance to Mexican border: 1776.9 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 224.5 degrees Distance: 319.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 290.0 degrees Distance: 2054.3 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 BLCDT20120217AAO LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	222.8 km
	WHMB-TV	D7	DT	CP	INDIANAPOLIS, IN	BLANK0000029690	335.4
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	179.7
	WNPT	D7	DT	CP	NASHVILLE, TN	BLANK0000028116	330.5
	WSET-TV	D7	DT	CP	LYNCHBURG, VA	BLANK0000034390	357.7
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	154.4
	WTRF-TV	D7	DT	LIC	WHEELING, WV	BLCDT20090227ABV	371.4
	WBNA	D8	DT	APP	LOUISVILLE, KY	BLANK0000035747	188.8
-----							
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
40727.8	1,433,652	37014.2	1,316,687	36416.8	1,298,717	36416.8 1,298,717	0.00 0.00
-----							
Undesired	Total IX		Unique IX, before		Unique IX, after		
W09AS-D D7 LD APP	3.0 4		0.0 0				
WHMB-TV D7 DT CP	212.3 11,100		169.0 8,880		169.0 8,880		
WKNX-TV D7 DT LIC	283.6 4,922		182.4 3,124		182.4 3,124		
WNPT D7 DT CP	129.7 4,643		67.3 1,750		67.3 1,750		
WSET-TV D7 DT CP	20.0 321		8.0 0		8.0 0		
WKIN-CD D7 DC LIC	59.0 762		29.0 335		29.0 335		
WTRF-TV D7 DT LIC	27.2 223		14.1 187		14.1 187		

-----  
Interference to BLCDT20090918ACF LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WSPA-TV	D7	DT	LIC	SPARTANBURG, SC	BLCDT20090918ACF	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	85.3 km
	WCIQ	D7	DT	LIC	MOUNT CHEAHA, AL	BLEDT20120828AAV	373.3
	WMUM-TV	D7	DT	LIC	COCHRAN, GA	BLANK0000019160	313.0
	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	298.3
	WITV	D7	DT	LIC	CHARLESTON, SC	BLANK0000018968	345.3
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	175.3
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	153.2

**Table 2 W09AS-D TVStudy Analysis of Proposal**  
(page 3 of 6)



WOLO-TV	D8	DT	LIC	COLUMBIA, SC	BLCDT20100614AIP	182.2
Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
47800.6	3,394,840	43871.6	3,246,528	43157.3	3,232,506	42883.1 3,216,636 0.64 0.49
Undesired	Total IX		Unique IX, before		Unique IX, after	
W09AS-D D7 LD APP	385.1	19,322			274.2	15,870
WCIQ D7 DT LIC	43.2	469	26.1	147	26.1	147
WMUM-TV D7 DT LIC	101.9	774	76.9	346	76.9	346
WLJC-TV D7 DT LIC	167.9	2,446	53.3	963	44.2	820
WITV D7 DT LIC	24.1	972	5.0	49	5.0	49
WKNX-TV D7 DT LIC	441.2	11,860	332.8	9,358	273.4	6,986
WKIN-CD D7 DC LIC	101.8	550	22.2	60	17.1	60
WOLO-TV D8 DT LIC	43.3	278	31.2	243	31.2	243

-----  
Interference to BLCDT20040810ABE LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE			
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	147.4 km		
	WVTM-TV	D7	DT	APP	BIRMINGHAM, AL	BLANK0000034568	383.2		
	WGTV	D7	DT	CP	ATHENS, GA	BLANK0000034195	245.8		
	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	179.7		
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	356.9		
	WNPT	D7	DT	CP	NASHVILLE, TN	BLANK0000028116	260.5		
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	133.6		
	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	181.9		
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	159.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
35938.9	1,682,534	29199.5	1,461,419	27375.5	1,411,806	27359.6	1,411,803	0.06	0.00

-----  
Interference to BLCDT20040810ABE LIC scenario 2

Desired:	Call WKNX-TV	Chan D7	Svc DT	Status LIC	City, State KNOXVILLE, TN	File Number BLCDT20040810ABE	Distance		
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	147.4 km		
	WVTM-TV	D7	DT	CP	BIRMINGHAM, AL	BLANK0000025155	383.2		
	WGTV	D7	DT	CP	ATHENS, GA	BLANK0000034195	245.8		
	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	179.7		
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	356.9		
	WNPT	D7	DT	CP	NASHVILLE, TN	BLANK0000028116	260.5		
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	133.6		
	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	181.9		
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	159.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
35938.9	1,682,534	29199.5	1,461,419	27377.5	1,411,809	27361.6	1,411,806	0.06	0.00
Undesired				Total IX	Unique IX, before		Unique IX, after		
W09AS-D	D7	LD	APP	45.7	19	15.9		3	
WVTM-TV	D7	DT	CP	15.9	671	2.0	23	2.0	23
WGTV	D7	DT	CP	415.9	6,687	194.0	2,315	192.1	2,315
WLJC-TV	D7	DT	LIC	1223.7	34,205	677.1	16,095	667.2	16,081
WOLO-TV	D7	DT	CP	57.7	493	16.9	304	13.9	304
WNPT	D7	DT	CP	494.8	18,574	128.0	4,844	128.0	4,844
WKIN-CD	D7	DC	LIC	187.2	5,387	127.9	3,684	127.9	3,684
WDEF-TV	D8	DT	CP	141.2	5,777	67.6	3,050	67.6	3,050

**Table 2 W09AS-D TVStudy Analysis of Proposal**  
(page 4 of 6)



-----  
Interference to BLCDT20040810ABE LIC scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	147.4 km
	WVTM-TV	D7	DT	APP	BIRMINGHAM, AL	BLANK0000034568	383.2
	WGTV	D7	DT	CP	ATHENS, GA	BLANK0000034195	245.8
	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	179.7
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	356.9
	WNPT	D7	DT	CP	NASHVILLE, TN	BLANK0000028116	260.5
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	133.6
	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	181.9
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	159.0
-----							
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	35938.9	1,682,534	29199.5	1,461,419	27375.5	1,411,806	27359.6 1,411,803 0.06 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
W09AS-D D7 LD APP			45.7	19		15.9	
WVTM-TV D7 DT APP			45.8	1,212		4.0	
WGTV D7 DT CP			415.9	6,687		192.1	
WLJC-TV D7 DT LIC			1223.7	34,205		670.2	
WOLO-TV D7 DT CP			57.7	493		16.9	
WNPT D7 DT CP			494.8	18,574		128.0	
WKIN-CD D7 DC LIC			187.2	5,387		127.9	
WNTV D8 DT APP			2.0	0		0.0	
WDEF-TV D8 DT CP			141.2	5,777		66.6	

-----  
Interference to BLCDT20040810ABE LIC scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	147.4 km
	WVTM-TV	D7	DT	CP	BIRMINGHAM, AL	BLANK0000025155	383.2
	WGTV	D7	DT	CP	ATHENS, GA	BLANK0000034195	245.8
	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	179.7
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	356.9
	WNPT	D7	DT	CP	NASHVILLE, TN	BLANK0000028116	260.5
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	133.6
	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	181.9
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	159.0
-----							
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	35938.9	1,682,534	29199.5	1,461,419	27377.5	1,411,809	27361.6 1,411,806 0.06 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
W09AS-D D7 LD APP			45.7	19		15.9	
WVTM-TV D7 DT CP			15.9	671		2.0	
WGTV D7 DT CP			415.9	6,687		193.1	
WLJC-TV D7 DT LIC			1223.7	34,205		677.1	
WOLO-TV D7 DT CP			57.7	493		16.9	
WNPT D7 DT CP			494.8	18,574		128.0	
WKIN-CD D7 DC LIC			187.2	5,387		127.9	
WNTV D8 DT APP			2.0	0		0.0	
WDEF-TV D8 DT CP			141.2	5,777		67.6	

-----  
Interference to BLANK0000034598 APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	111.2 km
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	176.5
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	181.9
	WVAN-TV	D8	DT	CP	SAVANNAH, GA	BLANK0000025888	319.2
	WNCN	D8	DT	CP	GOLDSBORO, NC	BLANK0000034761	361.5
	WGSC-CD	D8	DC	LIC	MURRELLS INLET, SC	BLANK0000001599	343.3
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	266.0



**Table 2 W09AS-D TVStudy Analysis of Proposal**  
(page 5 of 6)



WSWP-TV	D8	DT	CP	GRANDVIEW, WV	BLANK0000026238	352.2
WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	160.6
WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	167.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46920.3 2,871,497	43308.9 2,672,279	42939.1 2,647,425	42938.1 2,647,287	0.00 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
W09AS-D D7 LD APP	1.0 138	1.0 138	
WOLO-TV D7 DT CP	52.4 772	33.2 473	33.2 473
WKNX-TV D7 DT LIC	17.9 0	10.9 0	10.9 0
WVAN-TV D8 DT CP	101.3 787	82.2 493	82.2 493
WNCN D8 DT CP	125.5 19,878	88.6 11,616	88.6 11,616
WDEF-TV D8 DT CP	76.9 256	69.9 254	69.9 254
WSWP-TV D8 DT CP	35.9 4,682	15.9 2,659	15.9 2,659
WTVI D9 DT CP	19.9 7,035	2.0 803	2.0 803
WJHL-TV D9 DT CP	6.1 0	3.0 0	3.0 0

Interference to BLANK0000034598 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	111.2 km
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	176.5
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	181.9
	WVAN-TV	D8	DT	CP	SAVANNAH, GA	BLANK0000025888	319.2
	WNCN	D8	DT	CP	GOLDSBORO, NC	BLANK0000034761	361.5
	WGSC-CD	D8	DC	LIC	MURRELLS INLET, SC	BLANK0000001599	343.3
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	266.0
	WSWP-TV	D8	DT	APP	GRANDVIEW, WV	BLANK0000034625	352.2
	WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	160.6
	WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	167.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46920.3 2,871,497	43308.9 2,672,279	42934.1 2,646,635	42934.1 2,646,635	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W09AS-D D7 LD APP	1.0 138	0.0 0	
WOLO-TV D7 DT CP	52.4 772	33.2 473	33.2 473
WKNX-TV D7 DT LIC	17.9 0	10.9 0	10.9 0
WVAN-TV D8 DT CP	101.3 787	82.2 493	82.2 493
WNCN D8 DT CP	125.5 19,878	83.6 10,568	83.6 10,568
WDEF-TV D8 DT CP	76.9 256	69.9 254	69.9 254
WSWP-TV D8 DT APP	45.9 6,520	20.9 3,449	19.9 3,311
WTVI D9 DT CP	19.9 7,035	2.0 803	2.0 803
WJHL-TV D9 DT CP	6.1 0	3.0 0	3.0 0

Interference to BLANK0000034598 APP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	111.2 km
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	176.5
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	181.9
	WVAN-TV	D8	DT	APP	SAVANNAH, GA	BLANK0000034200	319.2
	WNCN	D8	DT	CP	GOLDSBORO, NC	BLANK0000034761	361.5
	WGSC-CD	D8	DC	LIC	MURRELLS INLET, SC	BLANK0000001599	343.3
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	266.0
	WSWP-TV	D8	DT	CP	GRANDVIEW, WV	BLANK0000026238	352.2
	WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	160.6
	WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	167.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46920.3 2,871,497	43308.9 2,672,279	42662.2 2,644,559	42661.2 2,644,421	0.00 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
W09AS-D D7 LD APP	1.0 138	1.0 138	
WOLO-TV D7 DT CP	52.4 772	19.1 253	19.1 253
WKNX-TV D7 DT LIC	17.9 0	10.9 0	10.9 0

**Table 2 W09AS-D TVStudy Analysis of Proposal**  
(page 6 of 6)



WVAN-TV D8 DT APP	397.4	3,904	359.1	3,359	359.1	3,359
WNCN D8 DT CP	125.5	19,878	88.6	11,616	88.6	11,616
WDEF-TV D8 DT CP	76.9	256	66.9	230	66.9	230
WSWP-TV D8 DT CP	35.9	4,682	15.9	2,659	15.9	2,659
WTVI D9 DT CP	19.9	7,035	2.0	803	2.0	803
WJHL-TV D9 DT CP	6.1	0	3.0	0	3.0	0

-----  
Interference to BLANK0000034598 APP scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WNTV	D8	DT	APP	GREENVILLE, SC	BLANK0000034598	
Undesireds:	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	111.2 km
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	176.5
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	181.9
	WVAN-TV	D8	DT	APP	SAVANNAH, GA	BLANK0000034200	319.2
	WNCN	D8	DT	CP	GOLDSBORO, NC	BLANK0000034761	361.5
	WGSC-CD	D8	DC	LIC	MURRELLS INLET, SC	BLANK0000001599	343.3
	WDEF-TV	D8	DT	CP	CHATTANOOGA, TN	BLANK0000026651	266.0
	WSWP-TV	D8	DT	APP	GRANDVIEW, WV	BLANK0000034625	352.2
	WTVI	D9	DT	CP	CHARLOTTE, NC	BLANK0000028208	160.6
	WJHL-TV	D9	DT	CP	JOHNSON CITY, TN	BLANK0000027557	167.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46920.3 2,871,497	43308.9 2,672,279	42657.2 2,643,769	42657.2 2,643,769	0.00 0.00
Undesired	Total IX	Unique IX, before	Unique IX, after	
W09AS-D D7 LD APP	1.0 138	0.0 0		
WOLO-TV D7 DT CP	52.4 772	19.1 253	19.1 253	
WKNX-TV D7 DT LIC	17.9 0	10.9 0	10.9 0	
WVAN-TV D8 DT APP	397.4 3,904	359.1 3,359	359.1 3,359	
WNCN D8 DT CP	125.5 19,878	83.6 10,568	83.6 10,568	
WDEF-TV D8 DT CP	76.9 256	66.9 230	66.9 230	
WSWP-TV D8 DT APP	45.9 6,520	20.9 3,449	19.9 3,311	
WTVI D9 DT CP	19.9 7,035	2.0 803	2.0 803	
WJHL-TV D9 DT CP	6.1 0	3.0 0	3.0 0	

-----  
Interference to proposal scenario 1  
3.71% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W09AS-D	D7	LD	APP	BURNSVILLE, NC	W09AS-D Prop Ch-7	
Undesireds:	WLJC-TV	D7	DT	LIC	BEATTYVILLE, KY	BLCDT20120217AAO	222.8 km
	WOLO-TV	D7	DT	CP	COLUMBIA, SC	BLANK0000027060	245.9
	WKNX-TV	D7	DT	LIC	KNOXVILLE, TN	BLCDT20040810ABE	147.4
	WKIN-CD	D7	DC	LIC	WEBER CY,VA-KPT,TN, VA	BLANK0000001494	70.5
	W08BF-D	D8	LD	LIC	SPRUCE PINE, NC	BLDTV20120622AAZ	18.5
	WNTV	D8	DT	CP	GREENVILLE, SC	BLANK0000025034	111.2

Service area	Terrain-limited	IX-free	Percent IX
947.4 25,286	828.7 21,431	797.7 20,636	3.74 3.71
Undesired	Total IX	Unique IX	Prct Unique IX
WLJC-TV D7 DT LIC	5.0 0	0.0 0	0.00 0.00
WOLO-TV D7 DT CP	10.9 2	3.0 0	0.36 0.00
WKNX-TV D7 DT LIC	10.1 2	7.1 0	0.85 0.00
WKIN-CD D7 DC LIC	16.9 0	7.0 0	0.84 0.00
W08BF-D D8 LD LIC	4.1 795	3.0 793	0.37 3.70