

**Special Displacement Window Application**

LPTV or Translator Facility: W41DI-D Facility ID 168591 Bat Cave, NC  
Licensed Ch. 41 File# BLDTT-20080902ADC

Nature of Displacement: Within 600 MHz wireless spectrum

Proposed Facility: Ch. 22 4.9 kW ERP nondirectional

Modification Compliance: 0.9 km from licensed site  
Contour comparison in Figure 1  
TVStudy Analysis report in Table 1  
(Study cell size: 1.00 km Profile point spacing: 0.20 km)

Contingent Application Rule: Waiver of §73.3700(g)(2)(i) requested  
Operation on proposed channel will not commence until the  
following station discontinues operation on its current channel:  
WCNC-TV Ch. 22 Charlotte NC (repacked to Ch. 24, phase 5)  
The applicant will accept a corresponding special operating  
condition on the CP authorization.

RF Exposure: The calculated signal density near the tower at two meters above  
ground level attributable to the proposed facility is 1.0 percent of  
the general population/uncontrolled maximum permitted exposure  
limit. Calculations conducted pursuant to FCC OET Bulletin  
Number 65 and incorporate 15 percent relative field at downward  
angles (from antenna elevation pattern data). 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 25, 2018  
207 Old Dominion Road Yorktown, VA 23692 703-650-9600

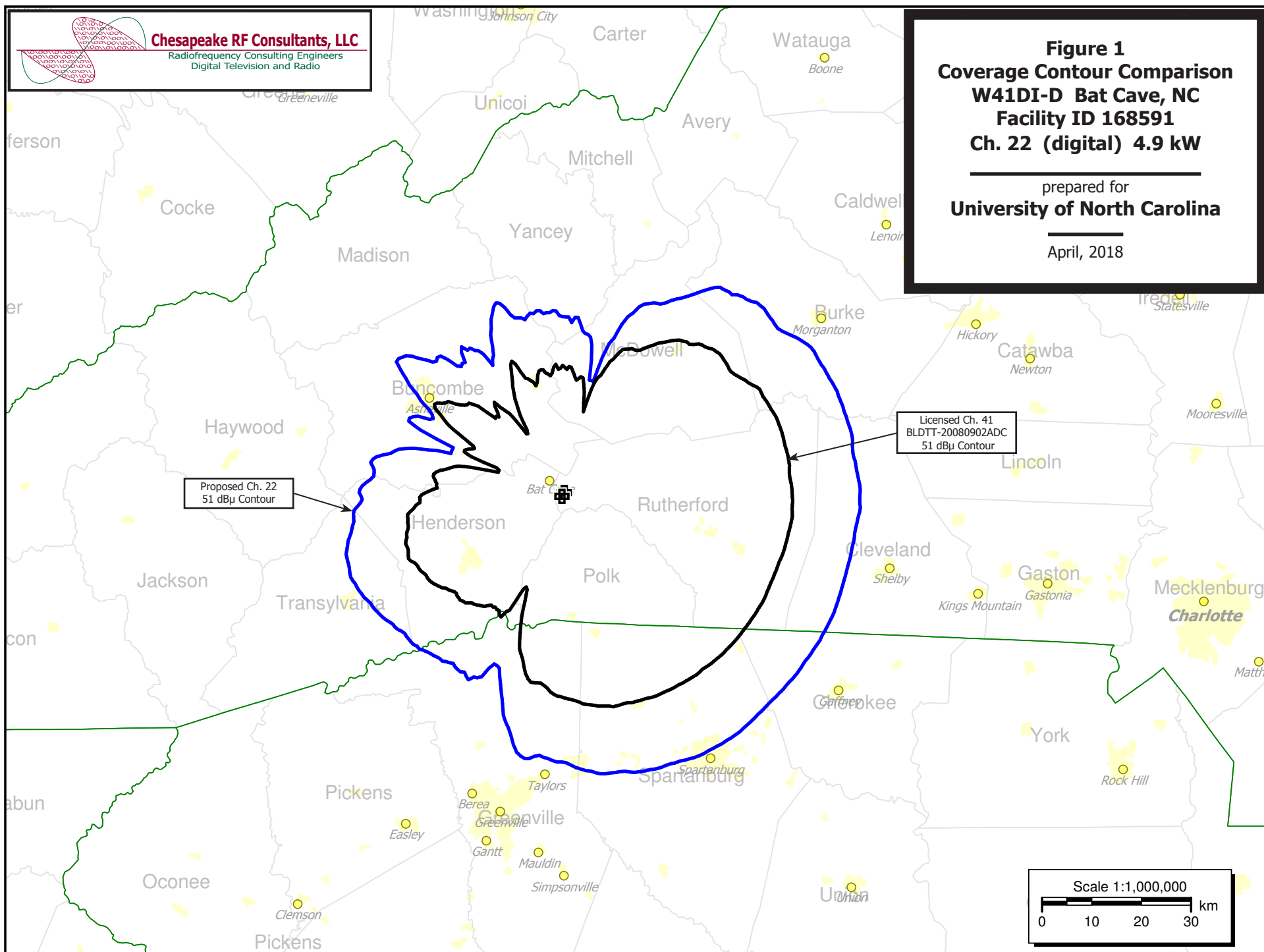


**Chesapeake RF Consultants, LLC**  
Radiofrequency Consulting Engineers  
Digital Television and Radio

**Figure 1**  
**Coverage Contour Comparison**  
**W41DI-D Bat Cave, NC**  
**Facility ID 168591**  
**Ch. 22 (digital) 4.9 kW**

prepared for  
**University of North Carolina**

April, 2018



# **Table 1 W41DI-D TVStudy Analysis of Proposal** (page 1 of 10)



tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: W41DI-D Ch-22 4.9kW repack 1.0-0.2, Model: Longley-Rice  
Start: 2018.04.25 10:39:36

Study created: 2018.04.25 10:39:36

Study build station data: LMS TV 2018-04-25

Proposal: W41DI-D D22 LD APP BAT CAVE, ETC., NC  
File number: W41DI-D Ch-22 4.9kW  
Facility ID: 168591  
Station data: User record  
Record ID: 2006  
Country: U.S.

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	WPBA	D21	DT	LIC	ATLANTA, GA	BLEDT20041013ABK	265.1 km
No	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	149.6
No	WEBA-TV	D21	DT	CP	ALLENDALE, SC	BLANK0000025022	260.8
No	WDRF-LD	D21	LD	CP	Columbia, SC	BLANK0000004328	180.3
No	W14CX-D	D21	LD	APP	KNOXVILLE, TN	BLANK00000051769	165.8
No	NEW	D22	LD	APP	AUGUSTA, GA	BNPDTL20090825BBQ	234.7
No	W22EJ-D	D22	LD	CP	MACON, GA	BMPDTL20130515ACS	320.1
No	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	267.9
No	WHSB-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	267.9
No	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	383.6
No	WKSJ-LD	D22	LD	CP	SUMMERVILLE/TRION, GA	BDISDTL20091214ABM	296.4
No	WCVN-TV	D22	DT	CP	COVINGTON, KY	BLANK0000034633	447.5
No	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	40.6
No	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	40.6
No	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	297.3
No	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	297.3
No	WIRP-LD	D22	LD	LIC	Raleigh, NC	BLANK0000010748	284.3
Yes	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
No	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
No	WEQA-LD	D22	LD	LIC	FLORENCE, SC	BLANK0000008883	295.5
Yes	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9
No	W22DY-D	D22	LD	CP	MYRTLE BEACH, SC	BNPDTL20100409AAY	358.9
No	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	290.2
No	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
No	WCTD-LP	N22-	TX	LIC	DUCKTOWN, TN	BLTTL20070622ADD	203.7
No	WKPT-CD	D22	DC	LIC	KINGSPORT, TN	BLDTA20120420ACJ	126.1
No	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
No	WJZC-LP	D22	LD	CP	SEVIERVILLE, TN	BDFCDTL20130917AET	127.3
No	WCVE-TV	D22	DT	CP	RICHMOND, VA	BLANK0000034128	476.7
No	W41DT-D	D22	LD	APP	STAUNTON, VA	BLANK0000032223	402.1
No	WSAZ-TV	D22	DT	CP	HUNTINGTON, WV	BLANK0000034103	343.1
No	WAAU-LD	D23	LD	LIC	AUGUSTA, GA	BLDTL20120522AFJ	217.7
No	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	208.3
No	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	208.3
Yes	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4
No	WAPW-CD	D23	DC	CP	ABINGDON, ETC., VA	BLANK0000026135	176.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22  
Mask: Full Service  
Latitude: 35 25 24.60 N (NAD83)  
Longitude: 82 15 34.90 W  
Height AMSL: 897.5 m  
HAAT: 0.0 m  
Peak ERP: 4.90 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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Elec Tilt: 1.75

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.90 kW	89.8 m	37.6 km
45.0	4.90	426.2	57.0
90.0	4.90	582.5	61.8
135.0	4.90	540.7	60.7
180.0	4.90	376.3	55.0
225.0	4.90	165.9	43.8
270.0	4.90	138.6	41.9
315.0	4.90	113.3	40.2

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 304 m

Distance to Canadian border: 695.1 km

Distance to Mexican border: 1747.9 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 233.1 degrees    Distance: 284.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 291.4 degrees    Distance: 2077.7 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%

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Interference to BLANK0000034385 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	199.4 km
	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	138.8
	WEBA-TV	D21	DT	CP	ALLENDALE, SC	BLANK0000025022	118.7
	WHSG-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	334.2
	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	234.9
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	225.0
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	144.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32903.7		1,587,099		32816.7		1,505,744	0.43    0.47
Undesired		Total IX		Unique IX, before		Unique IX, after	
W41DI-D D22 LD APP		307.7		24,310		135.5	7,063
WUNG-TV D21 DT CP		94.1		22,316		6.0	1,326
WEBA-TV D21 DT CP		136.1		3,722		18.9	1,082
WHSG-TV D22 DT CP		53.6		1,154		25.8	360
WJCL D22 DT LIC		379.9		5,771		236.8	2,321
WUVC-DT D22 DT CP		257.9		15,199		206.8	3,492
WBTV D23 DT LIC		506.6		58,582		282.3	30,470

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Interference to BLANK0000034385 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	199.4 km
	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	138.8
	WEBA-TV	D21	DT	CP	ALLENDALE, SC	BLANK0000025022	118.7
	WHSG-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	334.2
	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	234.9

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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WUVC-DT		D22	DT	CP	FAYETTEVILLE, NC		BLANK0000025149		225.0	
WBTV		D23	DT	LIC	CHARLOTTE, NC		BLCDT19991025AEB		144.0	
Service area		Terrain-limited			IX-free, before		IX-free, after		Percent New IX	
32903.7	1,587,099	32816.7	1,585,250		31641.8	1,512,707	31506.3	1,505,644	0.43	0.47
Undesired				Total IX		Unique IX, before		Unique IX, after		
W41DI-D	D22	LD	APP	307.7	24,310		135.5		7,063	
WUNG-TV	D21	DT	CP	94.1	22,316		6.0		1,326	
WEBA-TV	D21	DT	CP	136.1	3,722		18.9		1,082	
WHSG-TV	D22	DT	APP	81.5	1,460		46.7		460	
WJCL	D22	DT	LIC	379.9	5,771		232.8		2,180	
WUVC-DT	D22	DT	CP	257.9	15,199		206.8		3,492	
WBTV	D23	DT	LIC	506.6	58,582		414.5		37,580	
							282.3		30,470	

Interference to BLANK0000034385 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance		
Desired:	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385			
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	199.4 km		
	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	138.8		
	WEBA-TV	D21	DT	CP	ALLENDALE, SC	BLANK0000025022	118.7		
	WHSG-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	334.2		
	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	234.9		
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	225.0		
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	144.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
32903.7	1,587,099	32816.7	1,585,250	31650.6	1,513,081	31515.1	1,506,018	0.43	0.47

Interference to BLANK0000034385 CP scenario 4

Desired:	Call WACH	Chan D22	Svc DT	Status CP	City, State COLUMBIA, SC	File Number BLANK0000034385	Distance		
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	199.4 km		
	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	138.8		
	WEBA-TV	D21	DT	CP	ALLENDALE, SC	BLANK0000025022	118.7		
	WHSG-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	334.2		
	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	234.9		
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	225.0		
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	144.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
32903.7	1,587,099	32816.7	1,585,250	31629.7	1,512,981	31494.2	1,505,918	0.43	0.47

Interference to BLANK0000051638 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	

**Table 1 W41DI-D TV Study Analysis of Proposal**  
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Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	127.9 km
	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	30.0
	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	166.9
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	175.6
	WDQB-LD	D22	LD	CP	WILMINGTON, NC	BLANK0000007877	272.9
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	120.8
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	233.5
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	326.0
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	253.6
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	33.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3557.9 1,359,414	3539.0 1,357,184	2521.0 1,093,949	2519.0 1,093,841	0.08 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
W41DI-D D22 LD APP	19.0 3,111	2.0 108	
WUNG-TV D21 DT CP	418.6 84,689	121.6 20,546	
WUVC-DT D22 DT CP	37.9 5,556	0.0 0	
WACH D22 DT CP	162.7 37,928	33.0 4,471	
WBTV D23 DT LIC	849.4 234,923	503.5 153,768	

Interference to BLANK0000051638 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	127.9 km
	WUNG-TV	D21	DT	CP	CONCORD, NC	BLANK0000034415	30.0
	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	166.9
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	175.6
	WDQB-LD	D22	LD	CP	WILMINGTON, NC	BLANK0000007877	272.9
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	120.8
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	233.5
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	326.0
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	253.6
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	33.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
3557.9 1,359,414	3539.0 1,357,184	2521.0 1,093,949	2519.0 1,093,841	0.08 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
W41DI-D D22 LD APP	19.0 3,111	2.0 108	
WUNG-TV D21 DT CP	418.6 84,689	121.6 20,546	
WUVC-DT D22 DT APP	29.9 4,433	0.0 0	
WACH D22 DT CP	162.7 37,928	33.0 4,471	
WBTV D23 DT LIC	849.4 234,923	505.5 154,162	

Interference to BLCDT19991025AEB LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	244.8
	WARZ-CD	D23	DC	CP	SMITHFIELD-SELMA, NC	BLANK0000026452	242.3
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
46301.0 4,433,864	44325.6 4,295,482	43732.8 4,280,500	43730.8 4,280,319	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W41DI-D D22 LD APP	2.0 181	2.0 181	
WUVC-DT D22 DT CP	16.9 567	2.0 107	
WACH D22 DT CP	274.9 3,380	263.9 3,297	
WECT D23 DT CP	246.7 7,418	214.8 6,443	
WAPW-CD D23 DC CP	1.0 10	1.0 10	

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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WTVR-TV D23 DT CP	11.0	653	5.0	221	5.0	221
WCNC-TV D24 DT CP	74.2	3,929	74.2	3,929	74.2	3,929

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Interference to BLCDT19991025AEB LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	244.8
	WARZ-CD	D23	DC	APP	SMITHFIELD-SELMA, NC	BLANK0000034835	261.8
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
46301.0 4,433,864		44325.6 4,295,482		43732.8 4,280,500		43730.8 4,280,319	0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
W41DI-D D22 LD APP	2.0	181	2.0	107	2.0	181
WUVC-DT D22 DT CP	16.9	567	2.0	107	2.0	107
WACH D22 DT CP	274.9	3,380	263.9	3,297	263.9	3,297
WARZ-CD D23 DC APP	13.9	633	0.0	0	0.0	0
WECT D23 DT CP	246.7	7,418	206.8	6,015	206.8	6,015
WAPW-CD D23 DC CP	1.0	10	1.0	10	1.0	10
WTVR-TV D23 DT CP	11.0	653	5.0	221	5.0	221
WCNC-TV D24 DT CP	74.2	3,929	74.2	3,929	74.2	3,929

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Interference to BLCDT19991025AEB LIC scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	244.8
	WARZ-CD	D23	DC	CP	SMITHFIELD-SELMA, NC	BLANK0000026452	242.3
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
46301.0 4,433,864		44325.6 4,295,482		43730.8 4,280,349		43728.8 4,280,168	0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
W41DI-D D22 LD APP	2.0	181	2.0	107	2.0	181
WUVC-DT D22 DT CP	16.9	567	2.0	107	2.0	107
WACH D22 DT CP	274.9	3,380	263.9	3,297	263.9	3,297
WKPI-TV D23 DT APP	2.0	151	2.0	151	2.0	151
WECT D23 DT CP	246.7	7,418	214.8	6,443	214.8	6,443
WAPW-CD D23 DC CP	1.0	10	1.0	10	1.0	10
WTVR-TV D23 DT CP	11.0	653	5.0	221	5.0	221
WCNC-TV D24 DT CP	74.2	3,929	74.2	3,929	74.2	3,929

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Interference to BLCDT19991025AEB LIC scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	244.8
	WARZ-CD	D23	DC	APP	SMITHFIELD-SELMA, NC	BLANK0000034835	261.8
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
46301.0	4,433,864	44325.6	4,295,482	43730.8	4,280,349	43728.8	4,280,168	0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
W41DI-D D22 LD APP		2.0	181			2.0	181
WUVC-DT D22 DT CP		16.9	567	2.0	107	2.0	107
WACH D22 DT CP		274.9	3,380	263.9	3,297	263.9	3,297
WKPI-TV D23 DT APP		2.0	151	2.0	151	2.0	151
WARZ-CD D23 DC APP		13.9	633	0.0	0	0.0	0
WECT D23 DT CP		246.7	7,418	206.8	6,015	206.8	6,015
WAPW-CD D23 DC CP		1.0	10	1.0	10	1.0	10
WTVR-TV D23 DT CP		11.0	653	5.0	221	5.0	221
WCNC-TV D24 DT CP		74.2	3,929	74.2	3,929	74.2	3,929

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Interference to BLCDT19991025AEB LIC scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	244.8
	WARZ-CD	D23	DC	CP	SMITHFIELD-SELMA, NC	BLANK0000026452	242.3
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
46301.0	4,433,864	44325.6	4,295,482	43732.8	4,280,500	43730.8	4,280,319	0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
W41DI-D D22 LD APP		2.0	181			2.0	181
WUVC-DT D22 DT APP		16.9	567	2.0	107	2.0	107
WACH D22 DT CP		274.9	3,380	263.9	3,297	263.9	3,297
WECT D23 DT CP		246.7	7,418	214.8	6,443	214.8	6,443
WAPW-CD D23 DC CP		1.0	10	1.0	10	1.0	10
WTVR-TV D23 DT CP		11.0	653	5.0	221	5.0	221
WCNC-TV D24 DT CP		74.2	3,929	74.2	3,929	74.2	3,929

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Interference to BLCDT19991025AEB LIC scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	CP	PIKEVILLE, KY	BLANK0000025330	244.8
	WARZ-CD	D23	DC	APP	SMITHFIELD-SELMA, NC	BLANK0000034835	261.8
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
46301.0	4,433,864	44325.6	4,295,482	43732.8	4,280,500	43730.8	4,280,319	0.00 0.00

Undesired			Total IX		Unique IX, before		Unique IX, after
W41DI-D D22 LD APP		2.0	181			2.0	181
WUVC-DT D22 DT APP		16.9	567	2.0	107	2.0	107
WACH D22 DT CP		274.9	3,380	263.9	3,297	263.9	3,297
WARZ-CD D23 DC APP		13.9	633	0.0	0	0.0	0
WECT D23 DT CP		246.7	7,418	206.8	6,015	206.8	6,015
WAPW-CD D23 DC CP		1.0	10	1.0	10	1.0	10
WTVR-TV D23 DT CP		11.0	653	5.0	221	5.0	221



**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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WCNC-TV D24 DT CP 74.2 3,929 74.2 3,929 74.2 3,929

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Interference to BLCDT19991025AEB LIC scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	244.8
	WARZ-CD	D23	DC	CP	SMITHFIELD-SELMA, NC	BLANK0000026452	242.3
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
46301.0 4,433,864		44325.6 4,295,482		43730.8 4,280,349		43728.8 4,280,168	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W41DI-D D22 LD APP 2.0	181		2.0 181
WUVC-DT D22 DT APP 16.9	567	2.0 107	2.0 107
WACH D22 DT CP 274.9	3,380	263.9 3,297	263.9 3,297
WKPI-TV D23 DT APP 2.0	151	2.0 151	2.0 151
WECT D23 DT CP 246.7	7,418	214.8 6,443	214.8 6,443
WAPW-CD D23 DC CP 1.0	10	1.0 10	1.0 10
WTVR-TV D23 DT CP 11.0	653	5.0 221	5.0 221
WCNC-TV D24 DT CP 74.2	3,929	74.2 3,929	74.2 3,929

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Interference to BLCDT19991025AEB LIC scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	
Undesireds:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	97.4 km
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	200.7
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	144.0
	WKPI-TV	D23	DT	APP	PIKEVILLE, KY	BLANK0000034629	244.8
	WARZ-CD	D23	DC	APP	SMITHFIELD-SELMA, NC	BLANK0000034835	261.8
	WECT	D23	DT	CP	WILMINGTON, NC	BLANK0000034156	306.2
	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
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
46301.0 4,433,864		44325.6 4,295,482		43730.8 4,280,349		43728.8 4,280,168	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
W41DI-D D22 LD APP 2.0	181		2.0 181
WUVC-DT D22 DT APP 16.9	567	2.0 107	2.0 107
WACH D22 DT CP 274.9	3,380	263.9 3,297	263.9 3,297
WKPI-TV D23 DT APP 2.0	151	2.0 151	2.0 151
WARZ-CD D23 DC APP 13.9	633	0.0 0	0.0 0
WECT D23 DT CP 246.7	7,418	206.8 6,015	206.8 6,015
WAPW-CD D23 DC CP 1.0	10	1.0 10	1.0 10
WTVR-TV D23 DT CP 11.0	653	5.0 221	5.0 221
WCNC-TV D24 DT CP 74.2	3,929	74.2 3,929	74.2 3,929

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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	
Undesireds:	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	267.9 km
	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	40.6
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4

Service area	Terrain-limited	IX-free	Percent IX
7759.6 664,318	6944.1 583,166	6848.5 577,254	1.38 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
W41BQ D22- LD APP	4.0 291	0.0 0	0.00 0.00
WUVC-DT D22 DT CP	1.0 2	0.0 0	0.00 0.00
WACH D22 DT CP	50.8 4,504	27.9 3,817	0.40 0.65
WVEB-LD D22 LD APP	11.9 119	1.0 0	0.01 0.00
WBTW D23 DT LIC	60.7 1,804	41.8 1,408	0.60 0.24

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Interference to proposal scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	
Undesireds:	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032	267.9 km
	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	40.6
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4

Service area	Terrain-limited	IX-free	Percent IX
7759.6 664,318	6944.1 583,166	6848.5 577,254	1.38 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
W41BQ D22 LD CP	4.0 291	0.0 0	0.00 0.00
WUVC-DT D22 DT CP	1.0 2	0.0 0	0.00 0.00
WACH D22 DT CP	50.8 4,504	27.9 3,817	0.40 0.65
WVEB-LD D22 LD APP	11.9 119	1.0 0	0.01 0.00
WBTW D23 DT LIC	60.7 1,804	41.8 1,408	0.60 0.24

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Interference to proposal scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	
Undesireds:	WHSB-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	267.9 km
	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	40.6
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
	WBTW	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4

Service area	Terrain-limited	IX-free	Percent IX
7759.6 664,318	6944.1 583,166	6848.5 577,254	1.38 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
WHSB-TV D22 DT APP	6.0 291	0.0 0	0.00 0.00
W41BQ D22- LD APP	4.0 291	0.0 0	0.00 0.00
WUVC-DT D22 DT CP	1.0 2	0.0 0	0.00 0.00
WACH D22 DT CP	50.8 4,504	25.9 3,817	0.37 0.65
WVEB-LD D22 LD APP	11.9 119	1.0 0	0.01 0.00
WBTW D23 DT LIC	60.7 1,804	41.8 1,408	0.60 0.24

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Interference to proposal scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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Undesireds:	WHSB-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	267.9 km
	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	40.6
	WUVC-DT	D22	DT	CP	FAYETTEVILLE, NC	BLANK0000025149	297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4

Service area	Terrain-limited	IX-free	Percent IX
7759.6 664,318	6944.1 583,166	6848.5 577,254	1.38 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
WHSB-TV D22 DT APP	6.0 291	0.0 0	0.00 0.00
W41BQ D22 LD CP	4.0 291	0.0 0	0.00 0.00
WUVC-DT D22 DT CP	1.0 2	0.0 0	0.00 0.00
WACH D22 DT CP	50.8 4,504	25.9 3,817	0.37 0.65
WVEB-LD D22 LD APP	11.9 119	1.0 0	0.01 0.00
WBTB D23 DT LIC	60.7 1,804	41.8 1,408	0.60 0.24

Interference to proposal scenario 5

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW
Undesireds:	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032 267.9 km
	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015 40.6
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450 297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385 199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548 331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638 127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE 212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE 127.3
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB 97.4

Service area	Terrain-limited	IX-free	Percent IX
7759.6 664,318	6944.1 583,166	6848.5 577,254	1.38 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
W41BQ D22- LD APP	4.0 291	0.0 0	0.00 0.00
WUVC-DT D22 DT APP	1.0 2	0.0 0	0.00 0.00
WACH D22 DT CP	50.8 4,504	27.9 3,817	0.40 0.65
WVEB-LD D22 LD APP	11.9 119	1.0 0	0.01 0.00
WBTB D23 DT LIC	60.7 1,804	41.8 1,408	0.60 0.24

Interference to proposal scenario 6

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW
Undesireds:	WHSB-TV	D22	DT	CP	MONROE, GA	BLANK0000028032 267.9 km
	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD 40.6
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450 297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385 199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548 331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638 127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE 212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE 127.3
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB 97.4

Service area	Terrain-limited	IX-free	Percent IX
7759.6 664,318	6944.1 583,166	6848.5 577,254	1.38 1.01

Undesired	Total IX	Unique IX	Prcnt Unique IX
W41BQ D22 LD CP	4.0 291	0.0 0	0.00 0.00
WUVC-DT D22 DT APP	1.0 2	0.0 0	0.00 0.00
WACH D22 DT CP	50.8 4,504	27.9 3,817	0.40 0.65
WVEB-LD D22 LD APP	11.9 119	1.0 0	0.01 0.00
WBTB D23 DT LIC	60.7 1,804	41.8 1,408	0.60 0.24

**Table 1 W41DI-D TVStudy Analysis of Proposal**  
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Interference to proposal scenario 7

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	
Undesireds:	WHSB-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	267.9 km
	W41BQ	D22-	LD	APP	ASHEVILLE, NC	BLANK0000052015	40.6
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4

Service area		Terrain-limited		IX-free		Percent IX	
7759.6	664,318	6944.1	583,166	6848.5	577,254	1.38	1.01
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WHSB-TV	D22 DT APP	6.0	291	0.0	0	0.00	0.00
W41BQ	D22- LD APP	4.0	291	0.0	0	0.00	0.00
WUVC-DT	D22 DT APP	1.0	2	0.0	0	0.00	0.00
WACH	D22 DT CP	50.8	4,504	25.9	3,817	0.37	0.65
WVEB-LD	D22 LD APP	11.9	119	1.0	0	0.01	0.00
WBTV	D23 DT LIC	60.7	1,804	41.8	1,408	0.60	0.24

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Interference to proposal scenario 8

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W41DI-D	D22	LD	APP	BAT CAVE, ETC., NC	W41DI-D Ch-22 4.9kW	
Undesireds:	WHSB-TV	D22	DT	APP	MONROE, GA	BLANK0000034684	267.9 km
	W41BQ	D22	LD	CP	ASHEVILLE, NC	BDISDTL20120119ABD	40.6
	WUVC-DT	D22	DT	APP	FAYETTEVILLE, NC	BLANK0000034450	297.3
	WACH	D22	DT	CP	COLUMBIA, SC	BLANK0000034385	199.4
	WEQA-LD	D22	LD	CP	FLORENCE, SC	BLANK0000036548	331.3
	WVEB-LD	D22	LD	APP	FLORENCE, SC	BLANK0000051638	127.9
	WCTD-LP	D22	LD	CP	DUCKTOWN, TN	BDFCDTL20110829AAE	212.9
	WJZC-LP	N22+	TX	LIC	SEVIERVILLE, TN	BLTTL19901017JE	127.3
	WBTV	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	97.4

Service area		Terrain-limited		IX-free		Percent IX	
7759.6	664,318	6944.1	583,166	6848.5	577,254	1.38	1.01
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WHSB-TV	D22 DT APP	6.0	291	0.0	0	0.00	0.00
W41BQ	D22 LD CP	4.0	291	0.0	0	0.00	0.00
WUVC-DT	D22 DT APP	1.0	2	0.0	0	0.00	0.00
WACH	D22 DT CP	50.8	4,504	25.9	3,817	0.37	0.65
WVEB-LD	D22 LD APP	11.9	119	1.0	0	0.01	0.00
WBTV	D23 DT LIC	60.7	1,804	41.8	1,408	0.60	0.24

**Channel and Facility Information**

Section	Question	Response
Proposed Community of License	Facility ID	168591
	State	North Carolina
	City	BAT CAVE, ETC.
	LPT Channel	22

**Antenna Location Data**

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1302071
Coordinates (NAD83)	Latitude	35° 25' 24.6" N+
	Longitude	082° 15' 34.9" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	51.8 meters
	Support Structure Height	45.7 meters
	Ground Elevation (AMSL)	850.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	47.2 meters
	Height of Radiation Center Above Mean Sea Level	897.5 meters
	Effective Radiated Power	4.9 kW

**Antenna  
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Non-Directional
	Do you have an Antenna ID?	
	Antenna ID	
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	AL8O-22-E
	Rotation	
	Electrical Beam Tilt	1.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Out-of-Channel Emission Mask:	Full Service