

Percent allowed new interference: 0.500  
 Percent allowed new interference to non Class A LPTV: 2.000  
 TW Census data selected 2000  
 Data Base Selected  
 /space/software/cdb/pt\_tvdb.sff  
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-30-2014 Time: 23:30:13

Record Selected for Analysis

WADA-LD USERRECORD-01 WILMINGTON NC US  
 Channel 43 ERP 13.2 kW HAAT 127. m RCAMSL 00141 m STRINGENT  
 MASK  
 Latitude 034-07-53 Longitude 0078-11-17  
 Status APP Zone 2 Border Site number: 01  
 Dir Antenna Make CDB Model 00000000117376 Beam tilt N Ref Azimuth  
 125.  
 Last update Cutoff date Docket  
 Comments  
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station  
 Service Class = LD  
 Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	0.024	125.0	12.932	
45.0	5.025	127.0	39.579	
90.0	11.039	132.1	43.930	
135.0	6.542	125.6	40.827	
180.0	12.279	131.0	44.394	
225.0	0.962	126.0	31.079	
270.0	0.010	123.8	10.602	
315.0	0.004	122.2	8.675	

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

	Proposed Station		
Channel	Call	City/State	ARN
43	WADA-LD	WILMINGTON NC	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 -20100315ACD	WPEM-LP	LUMBERTON NC	98.6	CP	BDISDTL
42 -20100210AAY	W42EF-D	NEW BERN NC	142.7	CP	BNPDTL
42 -20090825BVJ	NEW	WILMINGTON NC	21.4	APP	BNPDTL
42 -20090825AGB	NEW	WILMINGTON NC	21.0	APP	BNPDTL
42 -20060609AAX	WRAY-TV	WILSON NC	189.0	LIC	BLCDT
42 -20100409ABE	W42ED-D	MYRTLE BEACH SC	74.5	CP	BNPDTL
43	W43CX-D	AUGUSTA GA	378.8	CP	BNPDTL

-20100104AAI					
43	W43CK	SAVANNAH GA	358.4	CP	BDFCDTL
-20110901AAY					
43	W43CK	SAVANNAH GA	358.4	LIC	BLTT
-20060321ADL					
43	WHFL-CD	GOLDSBORO NC	137.8	LIC	BLDTA
-20120113ACG					
43	WLXI	GREENSBORO NC	243.7	LIC	BLCDT
-20090204ABD					
43	W43CU-D	FLORENCE SC	143.8	CP	BNPDTL
-20090825BKG					
43	WRET-TV	SPARTANBURG SC	343.2	LIC	BLEDT
-20090622ADJ					
43	WTLU-CD	LYNCHBURG VA	369.3	LIC	BLDTL
-20100111ACB					
43	WBTD-LD	SUFFOLK VA	335.2	LIC	BLDTL
-20121009AAI					
44	W44CN	GREENVILLE NC	176.7	LIC	BLTT
-20061031AAO					
44	WYBE-CA	PINEHURST NC	161.0	LIC	BLTTL
-19990811JH					
44	WYBE-CA	PINEHURST NC	161.0	APP	BDFCDTA
-20130503AAB					
44	WZGS-CD	RALEIGH NC	190.5	LIC	BLDTA
-20130513ADT					
44	WECT	WILMINGTON NC	0.0	LIC	BLCDT
-20081031ABJ					
44	W44CU-D	FLORENCE SC	143.9	CP MOD	BMPDTL
-20110321ADB					
45	WDRN-LP	FAYETTEVILLE NC	124.8	LIC	BLTT
-20040908AAY					
47	WPEM-LP	LUMBERTON NC	98.8	LIC	BLTTL
-19960530JB					
47	W47CK	SHALLOTTE NC	16.5	LIC	BLTTL
-20021220AAC					

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WPEM-LP	LUMBERTON NC	BDISDTL	-20100315ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application
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Ref. No.	Call	City/State	Power	Class	Application
41	WJAN-CD	MIAMI FL	998.2	APP	BPTTA
-20010116AGG					
41	WHEH-LD	LUMBERTON NC	0.0	CP	BNPDTL
-20100210AAU					
41	WBTW-DR	FLORENCE SC	42.8	APP	BPRM
-20110502AEV					
42	WJBF	AUGUSTA GA	293.4	LIC	BLCDT
-20060615AAV					
42	NEW	WILMINGTON NC	84.0	APP	BNPDTL
-20090825BVJ					
42	NEW	WILMINGTON NC	105.2	APP	BNPDTL
-20090825AGB					
42	WRAY-TV	WILSON NC	152.0	LIC	BLCDT
-20060609AAX					
42	W42ED-D	MYRTLE BEACH SC	100.0	CP	BNPDTL
-20100409ABE					
42	WMSY-TV	MARION VA	335.0	LIC	BLEDT
-20030428ABS					
42	WCVE-TV	RICHMOND VA	340.9	LIC	BLCDT
-20050606AHG					
43	WADA-LD	WILMINGTON NC	98.6	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 2

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	W42EF-D	NEW BERN NC	BNPDTL	-20100210AAY

#### Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
41	WJAN-CD	MIAMI FL	*****	APP	BPTTA
-20010116AGG					
42	NEW	WILMINGTON NC	137.4	APP	BNPDTL
-20090825BVJ					
42	NEW	WILMINGTON NC	122.1	APP	BNPDTL
-20090825AGB					
42	WRAY-TV	WILSON NC	171.6	LIC	BLCDT
-20060609AAX					
42	WCVE-TV	RICHMOND VA	316.6	LIC	BLCDT
-20050606AHG					
43	WADA-LD	WILMINGTON NC	142.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	NEW	WILMINGTON NC	BNPDTL	-20090825BVJ

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
41 -20010116AGG	WJAN-CD	MIAMI FL	973.2	APP	BPTTA
41 -20110502AEV	WBTW-DR	FLORENCE SC	100.5	APP	BPRM
42 -20060615AAV	WJBF	AUGUSTA GA	347.9	LIC	BLCDT
42 -20100315ACD	WPEM-LP	LUMBERTON NC	84.0	CP	BDISDTL
42 -20100210AAY	W42EF-D	NEW BERN NC	137.4	CP	BNPDTL
42 -20090825AGB	NEW	WILMINGTON NC	21.4	APP	BNPDTL
42 -20060609AAX	WRAY-TV	WILSON NC	168.0	LIC	BLCDT
42 -20100409ABE	W42ED-D	MYRTLE BEACH SC	84.5	CP	BNPDTL
42 -20050606AHG	WCVE-TV	RICHMOND VA	359.2	LIC	BLCDT
43	WADA-LD	WILMINGTON NC	21.4	APP	USERRECORD-01

Total scenarios = 3

Result key: 1  
Scenario 1 Affected station 3  
Before Analysis

Results for: 42A NC WILMINGTON BNPDTL 20090825BVJ APP  
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	277520	7061.1
not affected by terrain losses	277520	7061.1
lost to NTSC IX	0	0.0

lost to additional IX by ATV	1114	23.6
lost to ATV IX only	1114	23.6
lost to all IX	1114	23.6

Potential Interfering Stations Included in above Scenario 1

42A SC MYRTLE BEACH                   BNPDTL    20100409ABE   CP

After Analysis

Results for: 42A NC WILMINGTON                   BNPDTL    20090825BVJ   APP  
 HAAT    1.0 m, ATV ERP   15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	277520	7061.1
not affected by terrain losses	277520	7061.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1229	43.2
lost to ATV IX only	1229	43.2
lost to all IX	1229	43.2

Potential Interfering Stations Included in above Scenario 1

42A SC MYRTLE BEACH                   BNPDTL    20100409ABE   CP  
 43A NC WILMINGTON                   USERRECORD01           APP

Percent new IX = 0.0416%

Result key:                   2  
 Scenario                    2   Affected station                   3  
 Before Analysis

Results for: 42A NC WILMINGTON                   BNPDTL    20090825BVJ   APP  
 HAAT    1.0 m, ATV ERP   15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	277520	7061.1
not affected by terrain losses	277520	7061.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	204699	2732.1
lost to ATV IX only	204699	2732.1
lost to all IX	204699	2732.1

Potential Interfering Stations Included in above Scenario 2

42A NC WILMINGTON                   BNPDTL    20090825AGB   APP  
 42A SC MYRTLE BEACH                   BNPDTL    20100409ABE   CP

After Analysis

Results for: 42A NC WILMINGTON                   BNPDTL    20090825BVJ   APP  
 HAAT    1.0 m, ATV ERP   15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	277520	7061.1
not affected by terrain losses	277520	7061.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	204814	2751.7
lost to ATV IX only	204814	2751.7
lost to all IX	204814	2751.7

Potential Interfering Stations Included in above Scenario 2

42A NC WILMINGTON	BNPDTL	20090825AGB	APP
42A SC MYRTLE BEACH	BNPDTL	20100409ABE	CP
43A NC WILMINGTON	USERRECORD01		APP

Percent new IX = 0.1579%

Result key: 3  
Scenario 3 Affected station 3  
Before Analysis

Results for: 42A NC WILMINGTON BNPDTL 20090825BVJ APP  
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	277520	7061.1
not affected by terrain losses	277520	7061.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1114	23.6
lost to ATV IX only	1114	23.6
lost to all IX	1114	23.6

Potential Interfering Stations Included in above Scenario 3

42A SC MYRTLE BEACH	BNPDTL	20100409ABE	CP
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After Analysis

Results for: 42A NC WILMINGTON BNPDTL 20090825BVJ APP  
HAAT 1.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	277520	7061.1
not affected by terrain losses	277520	7061.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1229	43.2
lost to ATV IX only	1229	43.2
lost to all IX	1229	43.2

Potential Interfering Stations Included in above Scenario 3

42A SC MYRTLE BEACH	BNPDTL	20100409ABE	CP
43A NC WILMINGTON	USERRECORD01		APP

Percent new IX = 0.0416%

Worst case new IX 0.1579% Scenario 2

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	NEW	WILMINGTON NC	BNPDTL	-20090825AGB

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
41 -20010116AGG	WJAN-CD	MIAMI FL	970.4	APP	BPTTA
41 -20110502AEV	WBTW-DR	FLORENCE SC	121.0	APP	BPRM
42 -20060615AAV	WJBF	AUGUSTA GA	365.2	LIC	BLCDT
42 -20100315ACD	WPEM-LP	LUMBERTON NC	105.2	CP	BDISDTL
42 -20100210AAY	W42EF-D	NEW BERN NC	122.1	CP	BNPDTL
42 -20090825BVJ	NEW	WILMINGTON NC	21.4	APP	BNPDTL
42 -20060609AAX	WRAY-TV	WILSON NC	176.1	LIC	BLCDT
42 -20100409ABE	W42ED-D	MYRTLE BEACH SC	95.3	CP	BNPDTL
42 -20050606AHG	WCVE-TV	RICHMOND VA	364.4	LIC	BLCDT
43	WADA-LD	WILMINGTON NC	21.0	APP	USERRECORD-01

Total scenarios = 2

Result key: 4  
Scenario 1 Affected station 4  
Before Analysis

Results for: 42A NC WILMINGTON BNPDTL 20090825AGB APP  
HAAT 1.0 m, ATV ERP 3.0 kW  
POPULATION AREA (sq km)

within Noise Limited Contour	215531	3656.1
not affected by terrain losses	215531	3656.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 42A NC WILMINGTON                      BNPDTL      20090825AGB    APP  
 HAAT      1.0 m, ATV ERP      3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	215531	3656.1
not affected by terrain losses	215531	3656.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2721	154.4
lost to ATV IX only	2721	154.4
lost to all IX	2721	154.4

Potential Interfering Stations Included in above Scenario 1

43A NC WILMINGTON                      USERRECORD01                      APP

Percent new IX = 1.2625%

Result key:                      5  
 Scenario                      2    Affected station                      4  
 Before Analysis

Results for: 42A NC WILMINGTON                      BNPDTL      20090825AGB    APP  
 HAAT      1.0 m, ATV ERP      3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	215531	3656.1
not affected by terrain losses	215531	3656.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	206139	3498.8
lost to ATV IX only	206139	3498.8
lost to all IX	206139	3498.8

Potential Interfering Stations Included in above Scenario 2

42A NC WILMINGTON                      BNPDTL      20090825BVJ    APP

After Analysis

Results for: 42A NC WILMINGTON                      BNPDTL      20090825AGB    APP  
 HAAT      1.0 m, ATV ERP      3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	215531	3656.1
not affected by terrain losses	215531	3656.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	206139	3498.8
lost to ATV IX only	206139	3498.8
lost to all IX	206139	3498.8

Potential Interfering Stations Included in above Scenario 2

42A NC WILMINGTON	BNPDTL	20090825BVJ	APP
43A NC WILMINGTON	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 1.2625% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	WRAY-TV	WILSON NC	BLCDT	-20060609AAX

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
41 -20110502AEV	WBTW-DR	FLORENCE SC	194.6	APP	BPRM
42 -20100813BHC	WMPT	ANNAPOLIS MD	378.5	LIC	BLEDT
42 -20030428ABS	WMSY-TV	MARION VA	326.3	LIC	BLEDT
42 -20050606AHG	WCVE-TV	RICHMOND VA	193.1	LIC	BLCDT
43 -20090204ABD	WLXI	GREENSBORO NC	151.1	LIC	BLCDT
43	WADA-LD	WILMINGTON NC	189.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	W42ED-D	MYRTLE BEACH SC	BNPDTL	-20100409ABE

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
41 -20010116AGG	WJAN-CD	MIAMI FL	902.8	APP	BPTTA
41 -20110502AEV	WBTW-DR	FLORENCE SC	76.6	APP	BPRM
41 -20100409ABC	W41DY-D	MYRTLE BEACH SC	0.0	CP	BNPDTL
42 -20060615AAV	WJBF	AUGUSTA GA	276.8	LIC	BLCDT
42 -20100315ACD	WPEM-LP	LUMBERTON NC	100.0	CP	BDISDTL
42 -20090825BVJ	NEW	WILMINGTON NC	84.5	APP	BNPDTL
42 -20090825AGB	NEW	WILMINGTON NC	95.3	APP	BNPDTL
42 -20060609AAX	WRAY-TV	WILSON NC	237.1	LIC	BLCDT
43	WADA-LD	WILMINGTON NC	74.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	W43CX-D	AUGUSTA GA	BNPDTL	-20100104AAI

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 -20060615AAV	WJBF	AUGUSTA GA	32.5	LIC	BLCDT
43 -20111018ACF	WUPA	ATLANTA GA	208.5	LIC	BLCDT
43 -20060321ADL	W43CK	SAVANNAH GA	171.6	LIC	BLTT

43	W43CY-D	SWAINSBORO GA	86.7	CP	BNPDTL
-20090825ABX					
43	WSWG	VALDOSTA GA	263.6	LIC	BLCDT
-20061109ACF					
43	WLXI	GREENSBORO NC	355.5	LIC	BLCDT
-20090204ABD					
43	WRET-TV	SPARTANBURG SC	177.5	LIC	BLEDT
-20090622ADJ					
44	W44DF-D	AUGUSTA GA	20.5	CP	BNPDTL
-20100421ABP					
43	WADA-LD	WILMINGTON NC	378.8	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	W43CK	SAVANNAH GA	BDFCDTL	-20110901AAY

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WBXJ-CA	JACKSONVILLE FL	201.1	LIC	BLTTA
-20020906AAF					
43	WOTF-DT	MELBOURNE FL	384.4	LIC	BLCDT
-20090616ACO					
43	WUPA	ATLANTA GA	358.4	LIC	BLCDT
-20111018ACF					
43	WSWG	VALDOSTA GA	233.5	LIC	BLCDT
-20061109ACF					
43	WRET-TV	SPARTANBURG SC	322.4	LIC	BLEDT
-20090622ADJ					
44	WJWJ-TV	BEAUFORT SC	84.9	LIC	BLEDT
-20060221AEJ					
43	WADA-LD	WILMINGTON NC	358.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	W43CK	SAVANNAH GA	BLTT	-20060321ADL

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
35	WGSA	BAXLEY GA	20.5	LIC	BLCDT
-20071120AJC					
39	WSAV-TV	SAVANNAH GA	16.6	LIC	BLCDT
-20050705AAP					
43	WOTF-DT	MELBOURNE FL	384.4	LIC	BLCDT
-20090616ACO					
43	WUPA	ATLANTA GA	358.3	LIC	BLCDT
-20111018ACF					
43	WSWG	VALDOSTA GA	233.4	LIC	BLCDT
-20061109ACF					
43	WRET-TV	SPARTANBURG SC	322.4	LIC	BLEDT
-20090622ADJ					
44	WJWJ-TV	BEAUFORT SC	84.9	LIC	BLEDT
-20060221AEJ					
43	WADA-LD	WILMINGTON NC	358.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WHFL-CD	GOLDSBORO NC	BLDTA	-20120113ACG

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42	WRAY-TV	WILSON NC	52.9	LIC	BLCDT
-20060609AAX					
43	WLXI	GREENSBORO NC	171.3	LIC	BLCDT
-20090204ABD					
43	WRET-TV	SPARTANBURG SC	348.5	LIC	BLEDT
-20090622ADJ					
43	WADA-LD	WILMINGTON NC	137.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WLXI	GREENSBORO NC	BLCDT	-20090204ABD

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 -20060609AAX	WRAY-TV	WILSON NC	151.1	LIC	BLCDT
42 -20030428ABS	WMSY-TV	MARION VA	192.0	LIC	BLEDT
43 -20090622ADJ	WRET-TV	SPARTANBURG SC	211.3	LIC	BLEDT
44 -20100812ABM	WUNG-TV	CONCORD NC	90.8	LIC	BLEDT
43	WADA-LD	WILMINGTON NC	243.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	W43CU-D	FLORENCE SC	BNPDTL	-20090825BKG

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43 -20090204ABD	WLXI	GREENSBORO NC	182.1	LIC	BLCDT
43 -20090622ADJ	WRET-TV	SPARTANBURG SC	203.4	LIC	BLEDT
44 -20110321ADB	W44CU-D	FLORENCE SC	5.6	CP MOD	BMPDTL
43	WADA-LD	WILMINGTON NC	143.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WRET-TV	SPARTANBURG SC	BLEDT	-20090622ADJ

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 -20060615AAV	WJBF	AUGUSTA GA	164.6	LIC	BLCDDT
42 -20030428ABS	WMSY-TV	MARION VA	225.4	LIC	BLEDT
43 -20111018ACF	WUPA	ATLANTA GA	260.4	LIC	BLCDDT
43 -20090204ABD	WLXI	GREENSBORO NC	211.3	LIC	BLCDDT
44 -20100812ABM	WUNG-TV	CONCORD NC	121.9	LIC	BLEDT
43	WADA-LD	WILMINGTON NC	343.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WTLU-CD	LYNCHBURG VA	BLDTL	-20100111ACB

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43 -20090204ABD	WLXI	GREENSBORO NC	176.1	LIC	BLCDDT
43 -20040323ATV	WPBO	PORTSMOUTH OH	375.4	LIC	BLEDT
43 -20121018AAY	WPGH-TV	PITTSBURGH PA	356.2	LIC	BMLCDDT

43	WRET-TV	SPARTANBURG SC	364.2	LIC	BLEDT
-20090622ADJ					
43	WSVF-CD	HARRISONBURG VA	119.9	LIC	BLDTL
-20130109ADM					
43	WSVF-LP	HARRISONBURG VA	119.9	APP	BDISDTA
-20120913ABH					
43	W43B0	MARION, ETC. VA	217.2	LIC	BLTTL
-19970425JD					
43	WADA-LD	WILMINGTON NC	369.3	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	WBTD-LD	SUFFOLK VA	BLDTL	-20121009AAI

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42	WCVE-TV	RICHMOND VA	123.4	LIC	BLCDT
-20050606AHG					
43	WLXI	GREENSBORO NC	314.9	LIC	BLCDT
-20090204ABD					
44	WCVW	RICHMOND VA	123.4	LIC	BLEDT
-20080820ABK					
43	WADA-LD	WILMINGTON NC	335.2	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	W44CN	GREENVILLE NC	BLTT	-20061031AAO

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
36 -20121116AGM	WUNP-TV	ROANOKE RAPIDS NC	82.9	LIC	BMLEDT
42 -20060609AAX	WRAY-TV	WILSON NC	66.2	LIC	BLCDDT
44 -20050624AAK	WDPB	SEAFORD DE	376.5	LIC	BLEDT
44 -20100812ABM	WUNG-TV	CONCORD NC	285.7	LIC	BLEDT
44 -20081031ABJ	WECT	WILMINGTON NC	176.7	LIC	BLCDDT
44 -20080820ABK	WCVW	RICHMOND VA	212.1	LIC	BLEDT
45 -20110504ADB	WNCT-DR	GREENVILLE NC	27.7	APP	BPRM
47 -20090805AAL	WYDO	GREENVILLE NC	57.2	LIC	BLCDDT
47 -20080620AOY	WYDO-DR	GREENVILLE NC	20.1	APP	BPRM
48 -20090710AKG	WRAL-TV	RALEIGH NC	96.0	LIC	BLCDDT
43	WADA-LD	WILMINGTON NC	176.7	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WYBE-CA	PINEHURST NC	BLTTL	-19990811JH

#### Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
36 -20021025AAD	WFPX-TV	FAYETTEVILLE NC	44.3	LIC	BLCDDT
40 -20110927ACZ	WHKY-TV	HICKORY NC	116.6	LIC	BLCDDT
41 -20110502AEV	WBTW-DR	FLORENCE SC	89.1	APP	BPRM
42 -20060609AAX	WRAY-TV	WILSON NC	136.9	LIC	BLCDDT

43	WLXI	GREENSBORO NC	86.1	LIC	BLCDT
-20090204ABD					
44	WUNG-TV	CONCORD NC	110.1	LIC	BLEDT
-20100812ABM					
44	WECT	WILMINGTON NC	161.0	LIC	BLCDT
-20081031ABJ					
44	WJWJ-TV	BEAUFORT SC	296.5	LIC	BLEDT
-20060221AEJ					
44	WCVW	RICHMOND VA	307.5	LIC	BLEDT
-20080820ABK					
45	WJPM-TV	FLORENCE SC	102.8	LIC	BLEDT
-20090622ADM					
48	WRAL-TV	RALEIGH NC	98.6	LIC	BLCDT
-20090710AKG					
51	WFMY-TV	GREENSBORO NC	87.0	LIC	BLCDT
-20050628AAB					
43	WADA-LD	WILMINGTON NC	161.0	APP	USERRECORD-01
40	WHKY-TV	HICKORY NC		LIC	BLCDT
-20110927ACZ					

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WYBE-CA	PINEHURST NC	BDFCDTA	-20130503AAB

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WLXI	GREENSBORO NC	86.1	LIC	BLCDT
-20090204ABD					
44	WUNG-TV	CONCORD NC	110.1	LIC	BLEDT
-20100812ABM					
44	W44CN	GREENVILLE NC	183.6	LIC	BLTT
-20061031AA0					
44	WZGS-CD	RALEIGH NC	93.3	LIC	BLDTA
-20130513ADT					
44	WECT	WILMINGTON NC	161.0	LIC	BLCDT
-20081031ABJ					
44	WJWJ-TV	BEAUFORT SC	296.5	LIC	BLEDT
-20060221AEJ					

44	W44CU-D	FLORENCE SC	102.8	CP MOD	BMPDTL
-20110321ADB					
44	WCVW	RICHMOND VA	307.5	LIC	BLEDT
-20080820ABK					
45	WJPM-TV	FLORENCE SC	102.8	LIC	BLEDT
-20090622ADM					
43	WADA-LD	WILMINGTON NC	161.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WZGS-CD	RALEIGH NC	BLDTA	-20130513ADT

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43	WLXI	GREENSBORO NC	99.2	LIC	BLCDT
-20090204ABD					
44	WUNG-TV	CONCORD NC	176.8	LIC	BLEDT
-20100812ABM					
44	W44CN	GREENVILLE NC	115.4	LIC	BLTT
-20061031AA0					
44	WYBE-CA	PINEHURST NC	93.3	LIC	BLTTL
-19990811JH					
44	WECT	WILMINGTON NC	190.5	LIC	BLCDT
-20081031ABJ					
44	WJWJ-TV	BEAUFORT SC	386.1	LIC	BLEDT
-20060221AEJ					
44	WCVW	RICHMOND VA	216.5	LIC	BLEDT
-20080820ABK					
45	WNCT-DR	GREENVILLE NC	129.3	APP	BPRM
-20110504ADB					
45	WWIW-LD	RALEIGH NC	8.0	LIC	BLDTL
-20110104AAJ					
43	WADA-LD	WILMINGTON NC	190.5	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WECT	WILMINGTON NC	BLCDT	-20081031ABJ

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
44 -20100812ABM	WUNG-TV	CONCORD NC	259.9	LIC	BLEDT
44 -20060221AEJ	WJWJ-TV	BEAUFORT SC	280.0	LIC	BLEDT
44 -20080820ABK	WCVW	RICHMOND VA	379.5	LIC	BLEDT
45 -20110504ADB	WNCT-DR	GREENVILLE NC	155.1	APP	BPRM
45 -20090622ADM	WJPM-TV	FLORENCE SC	143.9	LIC	BLEDT
43	WADA-LD	WILMINGTON NC	0.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	W44CU-D	FLORENCE SC	BMPDTL	-20110321ADB

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
43 -20090825BKG	W43CU-D	FLORENCE SC	5.6	CP	BNPDTL
44 -20100812ABM	WUNG-TV	CONCORD NC	143.6	LIC	BLEDT
44 -19990811JH	WYBE-CA	PINEHURST NC	102.8	LIC	BLTTL
44 -20081031ABJ	WECT	WILMINGTON NC	143.9	LIC	BLCDT

44	WJWJ-TV	BEAUFORT SC	194.8	LIC	BLEDT
-20060221AEJ					
45	WJPM-TV	FLORENCE SC	0.0	LIC	BLEDT
-20090622ADM					
43	WADA-LD	WILMINGTON NC	143.9	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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### Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	WDRN-LP	FAYETTEVILLE NC	BLTT	-20040908AAY

### Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
38 -20060912ACZ	WUVC-DT	FAYETTEVILLE NC	47.9	LIC	BLCDT
41 -20110502AEV	WBTW-DR	FLORENCE SC	88.4	APP	BPRM
42 -20060609AAX	WRAY-TV	WILSON NC	107.7	LIC	BLCDT
43 -20090204ABD	WLXI	GREENSBORO NC	120.2	LIC	BLCDT
44 -20081031ABJ	WECT	WILMINGTON NC	124.8	LIC	BLCDT
45 -20060615AAW	WYCW	ASHEVILLE NC	331.3	LIC	BLCDT
45 -20060328AKA	DW63CW	GOLDSBORO NC	85.3	APP	BDISDTL
45 -20110504ADB	WNCT-DR	GREENVILLE NC	140.9	APP	BPRM
45 -20110104AAJ	WWIW-LD	RALEIGH NC	80.3	LIC	BLDTL
45 -20110504AAW	WIDO-LD	WILMINGTON NC	105.2	CP MOD	BMPDTL
45 -20090622ADM	WJPM-TV	FLORENCE SC	117.7	LIC	BLEDT
46 -20051221AQQ	WWAY	WILMINGTON NC	124.8	LIC	BLCDT
47 -20090805AAL	WYDO	GREENVILLE NC	142.8	LIC	BLCDT

47	WYDO-DR	GREENVILLE NC	145.2	APP	BPRM
-20080620AOY					
48	WRAL-TV	RALEIGH NC	74.0	LIC	BLCDT
-20090710AKG					
49	WRAZ	RALEIGH NC	74.0	LIC	BLCDT
-20050502ABD					
43	WADA-LD	WILMINGTON NC	124.8	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WPEM-LP	LUMBERTON NC	BLTTL	-19960530JB

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
44	WECT	WILMINGTON NC	98.8	LIC	BLCDT
-20081031ABJ					
45	WJPM-TV	FLORENCE SC	77.8	LIC	BLEDT
-20090622ADM					
46	WWAY	WILMINGTON NC	98.8	LIC	BLCDT
-20051221AQQ					
47	WJZY	BELMONT NC	207.1	LIC	BLCDT
-20080717AAP					
47	WYDO	GREENVILLE NC	162.6	LIC	BLCDT
-20090805AAL					
47	WYDO-DR	GREENVILLE NC	174.6	APP	BPRM
-20080620AOY					
47	W47CK	SHALLOTTE NC	95.7	LIC	BLTTL
-20021220AAC					
47	WCSC-TV	CHARLESTON SC	203.8	LIC	BLCDT
-20030501ABA					
47	WZRB	COLUMBIA SC	192.7	LIC	BLCDT
-20110511AFZ					
47	WUPV	ASHLAND VA	376.8	LIC	BLCDT
-20060210ABA					
48	WRAL-TV	RALEIGH NC	120.6	LIC	BLCDT
-20090710AKG					
49	WRAZ	RALEIGH NC	120.6	LIC	BLCDT
-20050502ABD					

43 WADA-LD WILMINGTON NC 98.8 APP USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	W47CK	SHALLOTTE NC	BLTTL	-20021220AAC

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
44 -20081031ABJ	WECT	WILMINGTON NC	16.5	LIC	BLCDDT
45 -20090622ADM	WJPM-TV	FLORENCE SC	132.4	LIC	BLEDT
46 -20051221A0Q	WWAY	WILMINGTON NC	16.5	LIC	BLCDDT
47 -20080717AAP	WJZY	BELMONT NC	296.7	LIC	BLCDDT
47 -20090805AAL	WYDO	GREENVILLE NC	149.0	LIC	BLCDDT
47 -20080620AOY	WYDO-DR	GREENVILLE NC	178.9	APP	BPRM
47 -20130513ABA	WPEM-LP	LUMBERTON NC	95.5	CP MOD	BMPDPTL
47 -20030501ABA	WCSC-TV	CHARLESTON SC	177.6	LIC	BLCDDT
47 -20110511AFZ	WZRB	COLUMBIA SC	245.5	LIC	BLCDDT
43	WADA-LD	WILMINGTON NC	16.5	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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43 WADA-LD WILMINGTON NC USERRECORD-01

Stations Potentially Affecting This Station

Chan Ref. No.	Call	City/State	Dist(km)	Status	Application
42 -20090825BVJ	NEW	WILMINGTON NC	21.4	APP	BNPDTL
42 -20090825AGB	NEW	WILMINGTON NC	21.0	APP	BNPDTL
43 -20120113ACG	WHFL-CD	GOLDSBORO NC	137.8	LIC	BLDTA
43 -20090204ABD	WLXI	GREENSBORO NC	243.7	LIC	BLCDT
43 -20090825BKG	W43CU-D	FLORENCE SC	143.8	CP	BNPDTL
43 -20090622ADJ	WRET-TV	SPARTANBURG SC	343.2	LIC	BLEDT
44 -20081031ABJ	WECT	WILMINGTON NC	0.0	LIC	BLCDT

Total scenarios = 5

Result key: 6  
 Scenario 1 Affected station 25  
 Before Analysis

Results for: 43A NC WILMINGTON USERRECORD01 APP  
 HAAT 127.0 m, ATV ERP 13.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	215273	3244.4
not affected by terrain losses	215273	3244.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47834	1160.0
lost to ATV IX only	47834	1160.0
lost to all IX	47834	1160.0

Potential Interfering Stations Included in above Scenario 1

44A NC WILMINGTON BLCDT 20081031ABJ LIC

Result key: 7  
 Scenario 2 Affected station 25  
 Before Analysis

Results for: 43A NC WILMINGTON USERRECORD01 APP  
 HAAT 127.0 m, ATV ERP 13.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	215273	3244.4

not affected by terrain losses	215273	3244.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50565	1198.4
lost to ATV IX only	50565	1198.4
lost to all IX	50565	1198.4

Potential Interfering Stations Included in above Scenario 2

42A NC WILMINGTON	BNPDTL	20090825BVJ	APP
42A NC WILMINGTON	BNPDTL	20090825AGB	APP
44A NC WILMINGTON	BLCDDT	20081031ABJ	LIC

Result key: 8  
 Scenario 3 Affected station 25  
 Before Analysis

Results for: 43A NC WILMINGTON USERRECORD01 APP

HAAT 127.0 m, ATV ERP 13.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	215273	3244.4
not affected by terrain losses	215273	3244.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47834	1161.0
lost to ATV IX only	47834	1161.0
lost to all IX	47834	1161.0

Potential Interfering Stations Included in above Scenario 3

42A NC WILMINGTON	BNPDTL	20090825BVJ	APP
44A NC WILMINGTON	BLCDDT	20081031ABJ	LIC

Result key: 9  
 Scenario 4 Affected station 25  
 Before Analysis

Results for: 43A NC WILMINGTON USERRECORD01 APP

HAAT 127.0 m, ATV ERP 13.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	215273	3244.4
not affected by terrain losses	215273	3244.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50565	1197.4
lost to ATV IX only	50565	1197.4
lost to all IX	50565	1197.4

Potential Interfering Stations Included in above Scenario 4

42A NC WILMINGTON	BNPDTL	20090825AGB	APP
44A NC WILMINGTON	BLCDDT	20081031ABJ	LIC

Result key: 10  
Scenario 5 Affected station 25  
Before Analysis

Results for: 43A NC WILMINGTON USERRECORD01 APP  
HAAT 127.0 m, ATV ERP 13.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	215273	3244.4
not affected by terrain losses	215273	3244.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	47834	1160.0
lost to ATV IX only	47834	1160.0
lost to all IX	47834	1160.0

Potential Interfering Stations Included in above Scenario 5

44A NC WILMINGTON BLCDT 20081031ABJ LIC

Proposal fails - It has no service

Proposal fails scenario 3 received IX increased to 100.0%

Proposal fails - It has no service

Proposal fails scenario 5 received IX increased to 100.0%

Proposed station below MX due to received interference  
43A NC WILMINGTON USERRECORD01 APP

Proposal MX with group in scenario 3 of station 25

Proposed station below MX due to received interference  
43A NC WILMINGTON USERRECORD01 APP

Proposal MX with group in scenario 5 of station 25

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