

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/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-19-2012 Time: 15:45:35

Record Selected for Analysis

WPEN USERRECORD-01 US
Channel 47 ERP 5. kW HAAT 146. m RCAMSL 00192 m FULL SERVICE MASK
Latitude 034-40-26 Longitude 0079-02-21
Status APP Zone 2 Border Site number: 01
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	5.000	141.0	40.5
45.0	5.000	144.9	40.8
90.0	5.000	145.7	40.8
135.0	5.000	152.2	41.3
180.0	5.000	152.8	41.3
225.0	5.000	148.6	41.0
270.0	5.000	145.5	40.8
315.0	5.000	141.3	40.5

Contour Overlap to Proposed Station

Station
WPEN-LP 47 LUMBERTON NC BLTTTL19960530JB

Station inside contour of Digital LPTV station
WPEN 47 USERRECORD01

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

Start of Interference Analysis

Channel	Call	Proposed Station City/State	ARN
47	WPEM		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	WYBE-CA	PINEHURST NC	64.8	LIC	BLTTL	-19990811JH
44	WZGS-CA	RALEIGH NC	126.9	LIC	BLTTA	-20090127ACI
45	WDRN-LP	FAYETTEVILLE NC	47.3	LIC	BLTT	-20040908AAY
46	WUNC-TV	OXFORD NC	200.3	LIC	BLEDT	-20110613ABH
46	W46EU-D	RALEIGH NC	117.3	LIC	BLDTL	-20110509AAP
46	WBFT-CA	SANFORD NC	90.6	LIC	BLTTL	-19890630IK
46	WSOC-TV	STATESVILLE NC	198.6	APP	BMPCDT	-20120302ABB
46	WWAY	WILMINGTON NC	98.6	LIC	BLCDT	-20051221AOQ
46	W46EY-D	FLORENCE SC	81.5	CP	BNPDTL	-20100819ABE
47	W47EF-D	ATHENS GA	367.3	CP	BNPDTL	-20090825AJH
47	NEW	SOPERTON GA	402.0	APP	BNPDTL	-20100510AHI
47	WJZY	BELMONT NC	207.3	LIC	BLCDT	-20080717AAP
47	W47DY-D	CANTON/WAYNESVILLE NC	365.4	LIC	BLDTT	-20111116ADL
47	W47DM-D	CULLOWHEE NC	383.3	LIC	BLDTT	-20090615AAQ
47	WYDO-DR	GREENVILLE NC	174.5	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	162.4	LIC	BLCDT	-20090805AAL
47	WGSR-LD	REIDSVILLE NC	183.7	LIC	BLDTL	-20091002ABV
47	W47CK	SHALLOTTE NC	95.5	LIC	BLTTL	-20021220AAC
47	WCSC-TV	CHARLESTON SC	203.8	LIC	BLCDT	-20030501ABA
47	WZRB	COLUMBIA SC	192.8	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	192.8	LIC	BLCDT	-20110511AFZ
47	W61DG	MORRISTOWN TN	387.1	APP	BDISDTL	-20120206AAW
47	WUPV	ASHLAND VA	376.7	LIC	BLCDT	-20060210ABA
48	WRAL-TV	RALEIGH NC	120.6	LIC	BLCDT	-20090710AKG
48	WACH	COLUMBIA SC	169.9	LIC	BLCDT	-20021204ABB
49	W49AN	MYRTLE BEACH SC	94.7	LIC	BLTTL	-19940927ID
51	W51DI	FLORENCE SC	84.7	LIC	BLTT	-20050927ACW
51	W51AT	MYRTLE BEACH SC	94.6	LIC	BLTT	-20000211AAP

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Analysis of Interference to Affected Station 1

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WFPX-TV	FAYETTEVILLE NC	44.3	LIC	BLCDT	-20021025AAD
40	WHKY-TV	HICKORY NC	116.6	CP MOD	BMPCDT	-20090310ADE
41	WBTW-DR	FLORENCE SC	89.1	APP	BPRM	-20110502AEV
42	WRAY-TV	WILSON NC	136.9	LIC	BLCDT	-20060609AAX

43	WLXI	GREENSBORO NC	86.1	LIC	BLCDT	-20090204ABD
44	WUNG-TV	CONCORD NC	110.1	LIC	BLEDT	-20100812ABM
44	WZGS-CA	RALEIGH NC	93.3	CP	BDFCDTA	-20090714ABH
44	WZGS-CA	RALEIGH NC	93.3	LIC	BLTTA	-20090127ACI
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
48	WRAL-TV	RALEIGH NC	98.6	LIC	BLCDT	-20090710AKG
51	WFMY-TV	GREENSBORO NC	87.0	LIC	BLCDT	-20050628AAB
47	WPEM		64.8	APP	USERRECORD-01	
40	WHKY-TV	HICKORY NC		CP MOD	BMPCDT	-20090310ADE

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	WZGS-CA	RALEIGH NC	BLTTA	-20090127ACI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	WFPX-TV	FAYETTEVILLE NC	105.1	LIC	BLCDT	-20021025AAD
36	WUNP-TV	ROANOKE RAPIDS NC	97.7	LIC	BLEDT	-20100315ABH
42	WRAY-TV	WILSON NC	52.5	LIC	BLCDT	-20060609AAX
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	-20061031AAO
44	W44CN	GREENVILLE NC	115.4	CP	BDFCDTL	-20110722AEK
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	WACN-LD	RALEIGH NC	21.9	CP	BDCCDTL	-20081215AAR
45	WWIW-LD	RALEIGH NC	8.0	LIC	BLDTL	-20110104AAJ
47	WYDO-DR	GREENVILLE NC	128.5	APP	BPRM	-20080620AOY
48	WRAL-TV	RALEIGH NC	21.9	LIC	BLCDT	-20090710AKG
51	WFMY-TV	GREENSBORO NC	100.7	LIC	BLCDT	-20050628AAB
51	WEPX-TV	GREENVILLE NC	125.7	CP MOD	BMPCDT	-20080620AJW
51	WEPX-TV	GREENVILLE NC	125.7	LIC	BLCDT	-20090211ACH
47	WPEM		126.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	WUVC-DT	FAYETTEVILLE NC	47.9	LIC	BLCDT	-20060912ACZ

38	WUVC-DT	FAYETTEVILLE NC	47.8	CP	BPCDT	-20090630ABX
41	WBTW-DR	FLORENCE SC	88.4	APP	BPRM	-20110502AEV
42	WRAY-TV	WILSON NC	107.7	LIC	BLCDT	-20060609AAX
43	WLXI	GREENSBORO NC	120.2	LIC	BLCDT	-20090204ABD
44	WECT	WILMINGTON NC	124.8	LIC	BLCDT	-20081031ABJ
45	WYCW	ASHEVILLE NC	331.3	LIC	BLCDT	-20060615AAW
45	W63CW	GOLDSBORO NC	85.3	APP	BDISDTT	-20060328AKA
45	WNCT-DR	GREENVILLE NC	140.9	APP	BPRM	-20110504ADB
45	WACN-LD	RALEIGH NC	73.9	CP	BDCCDTL	-20081215AAR
45	WWIW-LD	RALEIGH NC	80.3	LIC	BLDTL	-20110104AAJ
45	W45DO-D	WILMINGTON NC	105.2	CP MOD	BMPDTL	-20110504AAW
45	WJPM-TV	FLORENCE SC	117.7	LIC	BLEDT	-20090622ADM
46	WWAY	WILMINGTON NC	124.8	LIC	BLCDT	-20051221AOQ
47	WYDO-DR	GREENVILLE NC	145.2	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	142.8	LIC	BLCDT	-20090805AAL
48	WRAL-TV	RALEIGH NC	74.0	LIC	BLCDT	-20090710AKG
49	WRAZ	RALEIGH NC	74.0	LIC	BLCDT	-20050502ABD
47	WPEM		47.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	WUNC-TV	OXFORD NC	BLEDT -20110613ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WMDV-LD	DANVILLE VA	64.2	LIC	BLDTL -20100830ABE
46	WBFF	BALTIMORE MD	369.1	LIC	BLCDT -20110131ASE
46	W46EU-D	RALEIGH NC	83.2	LIC	BLDTL -20110509AAP
46	WBFT-CA	SANFORD NC	115.4	LIC	BLTTL -19890630IK
46	WSOC-TV	STATESVILLE NC	188.3	APP	BMPCDT -20120302ABB
46	WWAY	WILMINGTON NC	264.0	LIC	BLCDT -20051221AOQ
46	WHTJ	CHARLOTTESVILLE VA	170.9	CP	BPEDT -20080610AAP
46	WHTJ	CHARLOTTESVILLE VA	170.9	LIC	BLEDT -20050819ADO
46	WPXV-TV	NORFOLK VA	204.5	LIC	BLCDT -20020510AAI
46	WVVA	BLUEFIELD WV	233.2	LIC	BLCDT -20060929AEJ
47	WPEM		200.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	W46EU-D	RALEIGH NC	BLDTL -20110509AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	W63CW	GOLDSBORO NC	81.0	APP	BDISDTT -20060328AKA
45	WACN-LD	RALEIGH NC	26.5	CP	BDCCDTL -20081215AAR
45	WWIW-LD	RALEIGH NC	17.4	LIC	BLDTL -20110104AAJ
46	WUNC-TV	OXFORD NC	83.2	LIC	BLEDT -20110613ABH
46	WBFT-CA	SANFORD NC	41.8	LIC	BLTTL -19890630IK
46	WSOC-TV	STATESVILLE NC	187.3	CP	BDRTCDT -20100526AAK

46	WSOC-TV	STATESVILLE NC	170.6	APP	BMPCDT	-20120302ABB
46	WWAY	WILMINGTON NC	185.0	LIC	BLCDT	-20051221AOQ
46	W46EY-D	FLORENCE SC	185.4	CP	BNPDTL	-20100819ABE
46	WHTJ	CHARLOTTESVILLE VA	254.0	CP	BPEDT	-20080610AAP
46	WHTJ	CHARLOTTESVILLE VA	254.0	LIC	BLEDT	-20050819ADO
46	WPXV-TV	NORFOLK VA	240.5	LIC	BLCDT	-20020510AAI
46	WVVA	BLUEFIELD WV	272.0	LIC	BLCDT	-20060929AEJ
47	WPEM		117.3	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.
46	WBFT-CA	SANFORD NC	BLTTTL -19890630IK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
38	WUVC-DT	FAYETTEVILLE NC	18.6	LIC	BLCDT -20060912ACZ
38	WUVC-DT	FAYETTEVILLE NC	18.6	CP	BPCDT -20090630ABX
42	WRAY-TV	WILSON NC	101.1	LIC	BLCDT -20060609AAX
43	WLXI	GREENSBORO NC	72.2	LIC	BLCDT -20090204ABD
44	WUNG-TV	CONCORD NC	130.2	LIC	BLEDT -20100812ABM
46	W46EU-D	RALEIGH NC	41.8	LIC	BLDTL -20110509AAP
46	WWAY	WILMINGTON NC	175.2	LIC	BLCDT -20051221AOQ
46	WHTJ	CHARLOTTESVILLE VA	284.9	CP	BPEDT -20080610AAP
46	WHTJ	CHARLOTTESVILLE VA	284.9	LIC	BLEDT -20050819ADO
46	WPXV-TV	NORFOLK VA	281.9	LIC	BLCDT -20020510AAI
46	WVVA	BLUEFIELD WV	266.4	LIC	BLCDT -20060929AEJ
48	WRAL-TV	RALEIGH NC	62.8	LIC	BLCDT -20090710AKG
49	WRAZ	RALEIGH NC	62.8	LIC	BLCDT -20050502ABD
50	WAXN-TV	KANNAPOLIS NC	142.3	LIC	BLCDT -20090511AYQ
50	WAXN-TV	KANNAPOLIS NC	142.3	CP MOD	BMPCDT -20090505ABO
47	WPEM		90.6	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.
46	WSOC-TV	STATESVILLE NC	BMPCDT -20120302ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	W46EU-D	RALEIGH NC	170.6	LIC	BLDTL -20110509AAP
46	WBFT-CA	SANFORD NC	143.1	LIC	BLTTTL -19890630IK
46	WWAY	WILMINGTON NC	297.1	LIC	BLCDT -20051221AOQ
46	W46EY-D	FLORENCE SC	198.3	CP	BNPDTL -20100819ABE
46	WHTJ	CHARLOTTESVILLE VA	309.9	CP	BPEDT -20080610AAP
46	WHTJ	CHARLOTTESVILLE VA	309.9	LIC	BLEDT -20050819ADO
46	WPXV-TV	NORFOLK VA	391.5	LIC	BLCDT -20020510AAI
46	WVVA	BLUEFIELD WV	163.8	LIC	BLCDT -20060929AEJ
47	WJZY	BELMONT NC	66.3	LIC	BLCDT -20080717AAP
47	WPEM		198.6	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.
46	WWAY	WILMINGTON NC	BLCDT	-20051221AOQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WNCT-DR	GREENVILLE NC	155.1	APP	BPRM	-20110504ADB
45	WJPM-TV	FLORENCE SC	143.9	LIC	BLEDT	-20090622ADM
46	WHTJ	CHARLOTTESVILLE VA	428.9	CP	BPEDT	-20080610AAP
46	WHTJ	CHARLOTTESVILLE VA	428.9	LIC	BLEDT	-20050819ADO
46	WPXV-TV	NORFOLK VA	334.3	LIC	BLCDT	-20020510AAI
47	WYDO-DR	GREENVILLE NC	164.0	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	133.2	LIC	BLCDT	-20090805AAL
47	WCSC-TV	CHARLESTON SC	193.9	LIC	BLCDT	-20030501ABA
47	WPEN		98.6	APP	USERRECORD-01	

Total scenarios = 3

Result key: 1
Scenario 1 Affected station 8
Before Analysis

Results for: 46A NC WILMINGTON BLCDT 20051221AOQ LIC
HAAT 590.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	977331	39365.6
not affected by terrain losses	977331	39365.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1330	100.4
lost to ATV IX only	1330	100.4
lost to all IX	1330	100.4

Potential Interfering Stations Included in above Scenario 1

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
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After Analysis

Results for: 46A NC WILMINGTON BLCDT 20051221AOQ LIC
HAAT 590.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	977331	39365.6
not affected by terrain losses	977331	39365.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3878	157.5
lost to ATV IX only	3878	157.5
lost to all IX	3878	157.5

Potential Interfering Stations Included in above Scenario 1

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A	USERRECORD01		APP

Percent new IX = 0.2611%

Result key: 2
Scenario 2 Affected station 8
Before Analysis

Results for: 46A NC WILMINGTON BLCDT 20051221AOQ LIC
 HAAT 590.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	977331	39365.6
not affected by terrain losses	977331	39365.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4583	229.4
lost to ATV IX only	4583	229.4
lost to all IX	4583	229.4

Potential Interfering Stations Included in above Scenario 2

45A NC GREENVILLE	BPRM	20110504ADB	APP
47A NC GREENVILLE	BLCDT	20090805AAL	LIC

After Analysis

Results for: 46A NC WILMINGTON BLCDT 20051221AOQ LIC
 HAAT 590.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	977331	39365.6
not affected by terrain losses	977331	39365.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7131	286.4
lost to ATV IX only	7131	286.4
lost to all IX	7131	286.4

Potential Interfering Stations Included in above Scenario 2

45A NC GREENVILLE	BPRM	20110504ADB	APP
47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A	USERRECORD01		APP

Percent new IX = 0.2619%

Result key: 3
 Scenario 3 Affected station 8
 Before Analysis

Results for: 46A NC WILMINGTON BLCDT 20051221AOQ LIC
 HAAT 590.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	977331	39365.6
not affected by terrain losses	977331	39365.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1330	100.4
lost to ATV IX only	1330	100.4
lost to all IX	1330	100.4

Potential Interfering Stations Included in above Scenario 3

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
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After Analysis

Results for: 46A NC WILMINGTON BLCDT 20051221AOQ LIC
 HAAT 590.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	977331	39365.6
not affected by terrain losses	977331	39365.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3878	157.5
lost to ATV IX only	3878	157.5
lost to all IX	3878	157.5

Potential Interfering Stations Included in above Scenario 3

47A NC GREENVILLE BLCDT 20090805AAL LIC
47A USERRECORD01 APP

Percent new IX = 0.2611%

Worst case new IX 0.2619% Scenario 2

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	W46EY-D	FLORENCE SC	BNPDTL	-20100819ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WJPM-TV	FLORENCE SC	5.6	LIC	BLEDT	-20090622ADM
46	W46EU-D	RALEIGH NC	185.4	LIC	BLDTL	-20110509AAP
46	WSOC-TV	STATESVILLE NC	198.3	APP	BMPCDT	-20120302ABB
46	WWAY	WILMINGTON NC	143.8	LIC	BLCDT	-20051221AOQ
46	WVVA	BLUEFIELD WV	360.4	LIC	BLCDT	-20060929AEJ
47	WZRB	COLUMBIA SC	116.9	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	116.9	LIC	BLCDT	-20110511AFZ
47	WPEM		81.5	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.
47	W47EF-D	ATHENS GA	BNPDTL	-20090825AJH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	W46EM-D	ATHENS GA	0.0	CP	BNPDTL	-20090825AJM
46	W46EK-D	AUGUSTA GA	82.8	CP MOD	BMPDTL	-20110725AFQ
47	WDGA-CA	DALTON GA	222.5	CP	BDISDTA	-20090819AGT
47	W47DT-D	MILLEDGEVILLE GA	81.8	CP	BNPDTL	-20090825ACE
47	WKTb-CD	NORCROSS GA	122.3	LIC	BLDTA	-20110120ADF
47	WKTb-CD	NORCROSS GA	122.3	APP	BSTA	-20090615AFX
47	NEW	SOPERTON GA	156.2	APP	BNPDTL	-20100510AHI
47	WJZY	BELMONT NC	236.7	LIC	BLCDT	-20080717AAP
47	W47DY-D	CANTON/WAYNESVILLE NC	198.7	LIC	BLDTT	-20111116ADL
47	WCSC-TV	CHARLESTON SC	310.9	LIC	BLCDT	-20030501ABA
47	WZRB	COLUMBIA SC	176.8	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	176.8	LIC	BLCDT	-20110511AFZ
48	W49DT-D	AUGUSTA GA	66.6	CP	BNPDTL	-20100421ABQ
47	WPEM		367.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	NEW	SOPERTON GA	BNPDTL -20100510AHI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WPHJ-CA	VIDALIA GA	24.9	LIC	BLTTL -19950206IC
47	W47EF-D	ATHENS GA	156.2	CP	BNPDTL -20090825AJH
47	WWPD-LD	DOUGLAS GA	109.1	CP	BDCCDTL -20061026ADS
47	W47DT-D	MILLEDGEVILLE GA	98.0	CP	BNPDTL -20090825ACE
47	WJZY	BELMONT NC	347.2	LIC	BLCDDT -20080717AAP
47	WCSC-TV	CHARLESTON SC	262.3	LIC	BLCDDT -20030501ABA
47	WZRB	COLUMBIA SC	224.3	CP	BPCDDT -20080317AIR
47	WZRB	COLUMBIA SC	224.3	LIC	BLCDDT -20110511AFZ
47	WPEM		402.0	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	WJZY	BELMONT NC	BLCDDT -20080717AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WVVA	BLUEFIELD WV	210.5	LIC	BLCDDT -20060929AEJ
47	WYDO-DR	GREENVILLE NC	343.1	APP	BPRM -20080620AOY
47	WYDO	GREENVILLE NC	347.8	LIC	BLCDDT -20090805AAL
47	WCSC-TV	CHARLESTON SC	302.2	LIC	BLCDDT -20030501ABA
47	WZRB	COLUMBIA SC	147.2	CP	BPCDDT -20080317AIR
47	WZRB	COLUMBIA SC	147.2	LIC	BLCDDT -20110511AFZ
48	WACH	COLUMBIA SC	143.0	LIC	BLCDDT -20021204ABB
47	WPEM		207.3	APP	USERRECORD-01

Total scenarios = 6

Result key: 4
Scenario 1 Affected station 12
Before Analysis

Results for: 47A NC BELMONT BLCDDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18395	1311.6
lost to ATV IX only	18395	1311.6
lost to all IX	18395	1311.6

Potential Interfering Stations Included in above Scenario 1

47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDDT	20030501ABA	LIC
47A SC COLUMBIA	BPCDDT	20080317AIR	CP
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC

After Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18746	1336.5
lost to ATV IX only	18746	1336.5
lost to all IX	18746	1336.5

Potential Interfering Stations Included in above Scenario 1

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BPCDT	20080317AIR	CP
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0108%

Result key: 5
 Scenario 2 Affected station 12
 Before Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29208	1934.6
lost to ATV IX only	29208	1934.6
lost to all IX	29208	1934.6

Potential Interfering Stations Included in above Scenario 2

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BLCDT	20110511AFZ	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29514	1956.5
lost to ATV IX only	29514	1956.5
lost to all IX	29514	1956.5

Potential Interfering Stations Included in above Scenario 2

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BLCDT	20110511AFZ	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0094%

Result key: 6
 Scenario 3 Affected station 12

Before Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC
 HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18395	1312.6
lost to ATV IX only	18395	1312.6
lost to all IX	18395	1312.6

Potential Interfering Stations Included in above Scenario 3

47A NC GREENVILLE	BPRM	20080620AOY	APP
47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BPCDT	20080317AIR	CP
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC
 HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18746	1337.5
lost to ATV IX only	18746	1337.5
lost to all IX	18746	1337.5

Potential Interfering Stations Included in above Scenario 3

47A NC GREENVILLE	BPRM	20080620AOY	APP
47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BPCDT	20080317AIR	CP
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0108%

Result key: 7
 Scenario 4 Affected station 12
 Before Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC
 HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29208	1935.6
lost to ATV IX only	29208	1935.6
lost to all IX	29208	1935.6

Potential Interfering Stations Included in above Scenario 4

47A NC GREENVILLE	BPRM	20080620AOY	APP
47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BLCDT	20110511AFZ	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29514	1957.5
lost to ATV IX only	29514	1957.5
lost to all IX	29514	1957.5

Potential Interfering Stations Included in above Scenario 4

47A NC GREENVILLE	BPRM	20080620AOY	APP
47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BLCDT	20110511AFZ	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0094%

Result key: 8
Scenario 5 Affected station 12
Before Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18395	1311.6
lost to ATV IX only	18395	1311.6
lost to all IX	18395	1311.6

Potential Interfering Stations Included in above Scenario 5

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BPCDT	20080317AIR	CP
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18746	1336.5
lost to ATV IX only	18746	1336.5
lost to all IX	18746	1336.5

Potential Interfering Stations Included in above Scenario 5

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BPCDT	20080317AIR	CP
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0108%

Result key: 9
Scenario 6 Affected station 12
Before Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29208	1934.6
lost to ATV IX only	29208	1934.6
lost to all IX	29208	1934.6

Potential Interfering Stations Included in above Scenario 6

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BLCDT	20110511AFZ	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A NC BELMONT BLCDT 20080717AAP LIC

HAAT 554.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3388242	42376.8
not affected by terrain losses	3274344	40104.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29514	1956.5
lost to ATV IX only	29514	1956.5
lost to all IX	29514	1956.5

Potential Interfering Stations Included in above Scenario 6

47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
47A SC COLUMBIA	BLCDT	20110511AFZ	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0094%

Worst case new IX 0.0108% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	W47DY-D	CANTON/WAYNESVILLE NC	BLDTT	-20111116ADL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	W46AX-D	BRYSON CITY NC	56.4	LIC	BLDTT	-20090615AAU
47	WDGA-CA	DALTON GA	213.0	CP	BDISDTA	-20090819AGT
47	WKTb-CD	NORCROSS GA	218.3	LIC	BLDTA	-20110120ADF
47	WKTb-CD	NORCROSS GA	218.3	APP	BSTA	-20090615AFX
47	WJZY	BELMONT NC	160.3	LIC	BLCDT	-20080717AAP
47	W47DM-D	CULLOWHEE NC	38.3	LIC	BLDTT	-20090615AAQ
47	WZRB	COLUMBIA SC	243.1	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	243.1	LIC	BLCDT	-20110511AFZ
47	W61DG	MORRISTOWN TN	83.6	APP	BDISDTL	-20120206AAW
48	WAEN-LP	ASHEVILLE NC	51.2	APP	BSTA	-20110218AAW
48	WAEN-LP	ASHEVILLE NC	0.0	APP	BDISDTL	-20110801ABH
48	WVLR	TAZEWELL TN	100.5	LIC	BLCDT	-20090507ACB

47 WPEM 365.4 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.
47	W47DM-D	CULLOWHEE NC	BLDTT	-20090615AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	W46AX-D	BRYSON CITY NC	31.7	LIC	BLDTT	-20090615AAU
47	W47EF-D	ATHENS GA	171.3	CP	BNPDTL	-20090825AJH
47	WDGA-CA	DALTON GA	179.0	CP	BDISDTA	-20090819AGT
47	WKTB-CD	NORCROSS GA	180.3	LIC	BLDTA	-20110120ADF
47	WKTB-CD	NORCROSS GA	180.3	APP	BSTA	-20090615AFX
47	WJZY	BELMONT NC	183.5	LIC	BLCDT	-20080717AAP
47	W47DY-D	CANTON/WAYNESVILLE NC	38.3	LIC	BLDTT	-20111116ADL
47	WZRB	COLUMBIA SC	243.5	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	243.5	LIC	BLCDT	-20110511AFZ
47	W61DG	MORRISTOWN TN	117.3	APP	BDISDTL	-20120206AAW
48	W48DR-D	GAINESVILLE GA	85.0	CP	BNPDTL	-20090825AGJ
48	WAEN-LP	ASHEVILLE NC	76.4	APP	BSTA	-20110218AAW
48	WAEN-LP	ASHEVILLE NC	38.3	APP	BDISDTL	-20110801ABH
48	WVLR	TAZEWELL TN	113.7	LIC	BLCDT	-20090507ACB
47	WPEM		383.3	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.
47	WYDO-DR	GREENVILLE NC	BPRM	-20080620AOY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WWAY	WILMINGTON NC	164.0	LIC	BLCDT	-20051221AOQ
46	WPXV-TV	NORFOLK VA	170.3	LIC	BLCDT	-20020510AAI
47	WMDT	SALISBURY MD	369.4	LIC	BLCDT	-20090319ADC
47	WJZY	BELMONT NC	343.1	LIC	BLCDT	-20080717AAP
47	WYDO	GREENVILLE NC	38.0	LIC	BLCDT	-20090805AAL
47	WCSC-TV	CHARLESTON SC	352.7	LIC	BLCDT	-20030501ABA
47	WZRB	COLUMBIA SC	366.1	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	366.1	LIC	BLCDT	-20110511AFZ
47	WUPV	ASHLAND VA	255.5	LIC	BLCDT	-20060210ABA
48	WRAL-TV	RALEIGH NC	107.9	LIC	BLCDT	-20090710AKG
47	WPEM		174.5	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.
47	WYDO	GREENVILLE NC	BLCDDT	-20090805AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WWAY	WILMINGTON NC	133.2	LIC	BLCDDT	-20051221AOQ
46	WPXV-TV	NORFOLK VA	203.7	LIC	BLCDDT	-20020510AAI
47	WMDT	SALISBURY MD	403.6	LIC	BLCDDT	-20090319ADC
47	WJZY	BELMONT NC	347.8	LIC	BLCDDT	-20080717AAP
47	WYDO-DR	GREENVILLE NC	38.0	APP	BPRM	-20080620AOY
47	WCSC-TV	CHARLESTON SC	325.7	LIC	BLCDDT	-20030501ABA
47	WZRB	COLUMBIA SC	355.1	CP	BPCDDT	-20080317AIR
47	WZRB	COLUMBIA SC	355.1	LIC	BLCDDT	-20110511AFZ
47	WUPV	ASHLAND VA	293.3	LIC	BLCDDT	-20060210ABA
48	WRAL-TV	RALEIGH NC	125.2	LIC	BLCDDT	-20090710AKG
47	WPEM		162.4	APP	USERRECORD-01	

Total scenarios = 3

Result key: 10
Scenario 1 Affected station 16
Before Analysis

Results for: 47A NC GREENVILLE BLCDDT 20090805AAL LIC
HAAT 542.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	971875	26908.4
not affected by terrain losses	971875	26905.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6955	370.0
lost to ATV IX only	6955	370.0
lost to all IX	6955	370.0

Potential Interfering Stations Included in above Scenario 1

46A NC WILMINGTON	BLCDDT	20051221AOQ	LIC
47A NC BELMONT	BLCDDT	20080717AAP	LIC
47A SC CHARLESTON	BLCDDT	20030501ABA	LIC
48A NC RALEIGH	BLCDDT	20090710AKG	LIC

After Analysis

Results for: 47A NC GREENVILLE BLCDDT 20090805AAL LIC
HAAT 542.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	971875	26908.4
not affected by terrain losses	971875	26905.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7046	395.0
lost to ATV IX only	7046	395.0
lost to all IX	7046	395.0

Potential Interfering Stations Included in above Scenario 1

46A NC WILMINGTON	BLCDDT	20051221AOQ	LIC
47A NC BELMONT	BLCDDT	20080717AAP	LIC
47A SC CHARLESTON	BLCDDT	20030501ABA	LIC
48A NC RALEIGH	BLCDDT	20090710AKG	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0094%

Result key: 11
Scenario 2 Affected station 16

Before Analysis

Results for: 47A NC GREENVILLE BLCDT 20090805AAL LIC
 HAAT 542.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	971875	26908.4
not affected by terrain losses	971875	26905.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	683871	17052.2
lost to ATV IX only	683871	17052.2
lost to all IX	683871	17052.2

Potential Interfering Stations Included in above Scenario 2

46A NC WILMINGTON	BLCDT	20051221AOQ	LIC
47A NC BELMONT	BLCDT	20080717AAP	LIC
47A NC GREENVILLE	BPRM	20080620AOY	APP
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A NC RALEIGH	BLCDT	20090710AKG	LIC

After Analysis

Results for: 47A NC GREENVILLE BLCDT 20090805AAL LIC
 HAAT 542.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	971875	26908.4
not affected by terrain losses	971875	26905.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	683871	17053.2
lost to ATV IX only	683871	17053.2
lost to all IX	683871	17053.2

Potential Interfering Stations Included in above Scenario 2

46A NC WILMINGTON	BLCDT	20051221AOQ	LIC
47A NC BELMONT	BLCDT	20080717AAP	LIC
47A NC GREENVILLE	BPRM	20080620AOY	APP
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A NC RALEIGH	BLCDT	20090710AKG	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12
 Scenario 3 Affected station 16
 Before Analysis

Results for: 47A NC GREENVILLE BLCDT 20090805AAL LIC
 HAAT 542.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	971875	26908.4
not affected by terrain losses	971875	26905.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6955	370.0
lost to ATV IX only	6955	370.0
lost to all IX	6955	370.0

Potential Interfering Stations Included in above Scenario 3

46A NC WILMINGTON	BLCDT	20051221AOQ	LIC
47A NC BELMONT	BLCDT	20080717AAP	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A NC RALEIGH	BLCDT	20090710AKG	LIC

After Analysis

Results for: 47A NC GREENVILLE BLCDT 20090805AAL LIC

HAAT 542.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	971875	26908.4
not affected by terrain losses	971875	26905.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	7046	395.0
lost to ATV IX only	7046	395.0
lost to all IX	7046	395.0

Potential Interfering Stations Included in above Scenario 3

46A NC WILMINGTON	BLCDDT	20051221AOQ	LIC
47A NC BELMONT	BLCDDT	20080717AAP	LIC
47A SC CHARLESTON	BLCDDT	20030501ABA	LIC
48A NC RALEIGH	BLCDDT	20090710AKG	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0094%

Worst case new IX 0.0094% Scenario 1

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	WGSR-LD	REIDSVILLE NC	BLDTL -20091002ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WJZY	BELMONT NC	167.2	LIC	BLCDDT -20080717AAP
47	WYDO-DR	GREENVILLE NC	224.6	APP	BPRM -20080620AOY
47	WYDO	GREENVILLE NC	245.0	LIC	BLCDDT -20090805AAL
47	WCSC-TV	CHARLESTON SC	369.5	LIC	BLCDDT -20030501ABA
47	WZRB	COLUMBIA SC	273.7	CP	BPCDDT -20080317AIR
47	WZRB	COLUMBIA SC	273.7	LIC	BLCDDT -20110511AFZ
47	WUPV	ASHLAND VA	270.2	LIC	BLCDDT -20060210ABA
48	WRAL-TV	RALEIGH NC	119.9	LIC	BLCDDT -20090710AKG
47	WPEM		183.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WECT	WILMINGTON NC	16.5	LIC	BLCDDT -20081031ABJ
45	WJPM-TV	FLORENCE SC	132.4	LIC	BLEDDT -20090622ADM
46	WWAY	WILMINGTON NC	16.5	LIC	BLCDDT -20051221AOQ
47	WJZY	BELMONT NC	296.7	LIC	BLCDDT -20080717AAP
47	WYDO-DR	GREENVILLE NC	178.9	APP	BPRM -20080620AOY
47	WYDO	GREENVILLE NC	149.0	LIC	BLCDDT -20090805AAL
47	WCSC-TV	CHARLESTON SC	177.6	LIC	BLCDDT -20030501ABA
47	WZRB	COLUMBIA SC	245.5	CP	BPCDDT -20080317AIR
47	WZRB	COLUMBIA SC	245.5	LIC	BLCDDT -20110511AFZ

47 WPEM 95.5 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WCSC-TV	CHARLESTON SC	BLCDT	-20030501ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
46	WWAY	WILMINGTON NC	193.9	LIC	BLCDT	-20051221AOQ
47	WJZY	BELMONT NC	302.2	LIC	BLCDT	-20080717AAP
47	WYDO-DR	GREENVILLE NC	352.7	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	325.7	LIC	BLCDT	-20090805AAL
47	WZRB	COLUMBIA SC	173.1	CP	BPCDT	-20080317AIR
47	WZRB	COLUMBIA SC	173.1	LIC	BLCDT	-20110511AFZ
48	WACH	COLUMBIA SC	165.2	LIC	BLCDT	-20021204ABB
47	WPEM		203.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WZRB	COLUMBIA SC	BPCDT	-20080317AIR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WJZY	BELMONT NC	147.2	LIC	BLCDT	-20080717AAP
47	WYDO-DR	GREENVILLE NC	366.1	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	355.1	LIC	BLCDT	-20090805AAL
47	WCSC-TV	CHARLESTON SC	173.1	LIC	BLCDT	-20030501ABA
48	WACH	COLUMBIA SC	22.9	LIC	BLCDT	-20021204ABB
47	WPEM		192.8	APP	USERRECORD-01	

Total scenarios = 1

Result key: 13
Scenario 1 Affected station 20
Before Analysis

Results for: 47A SC COLUMBIA BPCDT 20080317AIR CP

HAAT 192.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	724966	10606.6
not affected by terrain losses	724419	10523.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	125399	4355.3
lost to ATV IX only	125399	4355.3
lost to all IX	125399	4355.3

Potential Interfering Stations Included in above Scenario 1

47A NC BELMONT	BLCDT	20080717AAP	LIC
47A NC GREENVILLE	BLCDT	20090805AAL	LIC

47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A SC COLUMBIA BPCDT 20080317AIR CP

HAAT 192.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	724966	10606.6
not affected by terrain losses	724419	10523.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	125399	4355.3
lost to ATV IX only	125399	4355.3
lost to all IX	125399	4355.3

Potential Interfering Stations Included in above Scenario 1

47A NC BELMONT	BLCDT	20080717AAP	LIC
47A NC GREENVILLE	BLCDT	20090805AAL	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
47	WZRB	COLUMBIA SC	BLCDT	-20110511AFZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WJZY	BELMONT NC	147.2	LIC	BLCDT	-20080717AAP
47	WYDO-DR	GREENVILLE NC	366.1	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	355.1	LIC	BLCDT	-20090805AAL
47	WCSC-TV	CHARLESTON SC	173.1	LIC	BLCDT	-20030501ABA
48	WACH	COLUMBIA SC	22.9	LIC	BLCDT	-20021204ABB
47	WPEN		192.8	APP	USERRECORD-01	

Total scenarios = 1

Result key: 14

Scenario 1 Affected station 21

Before Analysis

Results for: 47A SC COLUMBIA BLCDT 20110511AFZ LIC

HAAT 192.0 m, ATV ERP 240.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	823350	13575.2
not affected by terrain losses	822143	13443.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	169917	5069.6
lost to ATV IX only	169917	5069.6
lost to all IX	169917	5069.6

Potential Interfering Stations Included in above Scenario 1

47A NC BELMONT	BLCDT	20080717AAP	LIC
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47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC

After Analysis

Results for: 47A SC COLUMBIA BLCDT 20110511AFZ LIC

HAAT 192.0 m, ATV ERP 240.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	823350	13575.2
not affected by terrain losses	822143	13443.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	169917	5069.6
lost to ATV IX only	169917	5069.6
lost to all IX	169917	5069.6

Potential Interfering Stations Included in above Scenario 1

47A NC BELMONT	BLCDT	20080717AAP	LIC
47A SC CHARLESTON	BLCDT	20030501ABA	LIC
48A SC COLUMBIA	BLCDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	W61DG	MORRISTOWN TN	BDISDTL -20120206AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WAVE	LOUISVILLE KY	350.9	LIC	BLCDT -20030306ABQ
47	WJZY	BELMONT NC	183.1	LIC	BLCDT -20080717AAP
47	W47DY-D	CANTON/WAYNESVILLE NC	83.6	LIC	BLDTT -20111116ADL
47	W47DM-D	CULLOWHEE NC	117.3	LIC	BLDTT -20090615AAQ
47	WZRB	COLUMBIA SC	301.6	CP	BPCDT -20080317AIR
47	WZRB	COLUMBIA SC	301.6	LIC	BLCDT -20110511AFZ
48	WAEN-LP	ASHEVILLE NC	83.6	APP	BDISDTL -20110801ABH
48	WVLR	TAZEWELL TN	73.5	LIC	BLCDT -20090507ACB
47	WPEN		387.1	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	WUPV	ASHLAND VA	BLCDT -20060210ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WBFF	BALTIMORE MD	184.8	LIC	BLCDT -20110131ASE
46	WHTJ	CHARLOTTESVILLE VA	111.2	CP	BPEDT -20080610AAP

46	WHTJ	CHARLOTTESVILLE VA	111.2	LIC	BLEDT	-20050819ADO
46	WPXV-TV	NORFOLK VA	123.2	LIC	BLCDDT	-20020510AAI
47	WMDT	SALISBURY MD	157.3	LIC	BLCDDT	-20090319ADC
47	WYDO-DR	GREENVILLE NC	255.5	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	293.3	LIC	BLCDDT	-20090805AAL
47	WPMT	YORK PA	260.3	CP	BPCDDT	-20080620AFE
47	WPMT	YORK PA	260.3	LIC	BMLCDDT	-20041025ABI
48	WRC-TV	WASHINGTON DC	134.0	LIC	BLCDDT	-20000216AAT
47	WPEM		376.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WRAL-TV	RALEIGH NC	BLCDDT	-20090710AKG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WYDO-DR	GREENVILLE NC	107.9	APP	BPRM	-20080620AOY
47	WYDO	GREENVILLE NC	125.2	LIC	BLCDDT	-20090805AAL
48	WRC-TV	WASHINGTON DC	384.8	LIC	BLCDDT	-20000216AAT
48	WACH	COLUMBIA SC	267.5	LIC	BLCDDT	-20021204ABB
49	WRAZ	RALEIGH NC	0.0	LIC	BLCDDT	-20050502ABD
47	WPEM		120.6	APP	USERRECORD-01	

Total scenarios = 3

Result key: 15
 Scenario 1 Affected station 24
 Before Analysis

Results for: 48A NC RALEIGH BLCDDT 20090710AKG LIC

HAAT 629.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3022663	45447.5
not affected by terrain losses	3014265	45110.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	437	45.6
lost to ATV IX only	437	45.6
lost to all IX	437	45.6

Potential Interfering Stations Included in above Scenario 1

47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
48A DC WASHINGTON	BLCDDT	20000216AAT	LIC
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC

After Analysis

Results for: 48A NC RALEIGH BLCDDT 20090710AKG LIC

HAAT 629.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3022663	45447.5
not affected by terrain losses	3014265	45110.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1220	60.5
lost to ATV IX only	1220	60.5
lost to all IX	1220	60.5

Potential Interfering Stations Included in above Scenario 1

47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
48A DC WASHINGTON	BLCDDT	20000216AAT	LIC
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0260%

Result key: 16
 Scenario 2 Affected station 24
 Before Analysis

Results for: 48A NC RALEIGH BLCDDT 20090710AKG LIC
 HAAT 629.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3022663	45447.5
not affected by terrain losses	3014265	45110.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12180	355.8
lost to ATV IX only	12180	355.8
lost to all IX	12180	355.8

Potential Interfering Stations Included in above Scenario 2

47A NC GREENVILLE	BPRM	20080620AOY	APP
47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
48A DC WASHINGTON	BLCDDT	20000216AAT	LIC
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC

After Analysis

Results for: 48A NC RALEIGH BLCDDT 20090710AKG LIC
 HAAT 629.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3022663	45447.5
not affected by terrain losses	3014265	45110.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12963	370.7
lost to ATV IX only	12963	370.7
lost to all IX	12963	370.7

Potential Interfering Stations Included in above Scenario 2

47A NC GREENVILLE	BPRM	20080620AOY	APP
47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
48A DC WASHINGTON	BLCDDT	20000216AAT	LIC
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0261%

Result key: 17
 Scenario 3 Affected station 24
 Before Analysis

Results for: 48A NC RALEIGH BLCDDT 20090710AKG LIC
 HAAT 629.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3022663	45447.5
not affected by terrain losses	3014265	45110.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	437	45.6
lost to ATV IX only	437	45.6
lost to all IX	437	45.6

Potential Interfering Stations Included in above Scenario 3

47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
48A DC WASHINGTON	BLCDDT	20000216AAT	LIC
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC

After Analysis

Results for: 48A NC RALEIGH BLCDDT 20090710AKG LIC
HAAT 629.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3022663	45447.5
not affected by terrain losses	3014265	45110.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1220	60.5
lost to ATV IX only	1220	60.5
lost to all IX	1220	60.5

Potential Interfering Stations Included in above Scenario 3

47A NC GREENVILLE	BLCDDT	20090805AAL	LIC
48A DC WASHINGTON	BLCDDT	20000216AAT	LIC
48A SC COLUMBIA	BLCDDT	20021204ABB	LIC
47A	USERRECORD01		APP

Percent new IX = 0.0260%

Worst case new IX 0.0261% Scenario 2

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	WACH	COLUMBIA SC	BLCDDT	-20021204ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WJZY	BELMONT NC	143.0	LIC	BLCDDT	-20080717AAP
47	WCSC-TV	CHARLESTON SC	165.2	LIC	BLCDDT	-20030501ABA
47	WZRB	COLUMBIA SC	22.9	CP	BPCDDT	-20080317AIR
47	WZRB	COLUMBIA SC	22.9	LIC	BLCDDT	-20110511AFZ
48	WUVG-DT	ATHENS GA	331.4	LIC	BLCDDT	-20030805AJO
48	WRAL-TV	RALEIGH NC	267.5	LIC	BLCDDT	-20090710AKG
48	WVLR	TAZEWELL TN	352.7	LIC	BLCDDT	-20090507ACB
47	WPEN		169.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	W49AN	MYRTLE BEACH SC	BLTTL	-19940927ID

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
41	WBTW-DR	FLORENCE SC	73.2	APP	BPRM	-20110502AEV
45	WJPM-TV	FLORENCE SC	95.7	LIC	BLEDT	-20090622ADM
46	WWAY	WILMINGTON NC	69.5	LIC	BLCDDT	-20051221AOQ
47	WCSC-TV	CHARLESTON SC	128.3	LIC	BLCDDT	-20030501ABA

49	WRAZ	RALEIGH NC	206.5	LIC	BLCDT	-20050502ABD
49	W49DH-D	WILMINGTON NC	90.1	CP MOD	BMPDTL	-20110504AAX
49	W49EB-D	FLORENCE SC	93.3	CP	BNPDTL	-20100819ABD
50	WCBD-TV	CHARLESTON SC	126.7	LIC	BLCDT	-20060714AAN
47	WPEM		94.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	W51DI	FLORENCE SC	BLTT -20050927ACW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WECT	WILMINGTON NC	132.1	LIC	BLCDT -20081031ABJ
47	WCSC-TV	CHARLESTON SC	128.9	LIC	BLCDT -20030501ABA
47	WZRB	COLUMBIA SC	126.7	CP	BPCDT -20080317AIR
47	WZRB	COLUMBIA SC	126.7	LIC	BLCDT -20110511AFZ
48	WACH	COLUMBIA SC	105.2	LIC	BLCDT -20021204ABB
50	WCBD-TV	CHARLESTON SC	127.2	LIC	BLCDT -20060714AAN
51	WFXG-DR	AUGUSTA GA	217.5	APP	BPRM -20110226AAA
51	WFMY-TV	GREENSBORO NC	199.7	LIC	BLCDT -20050628AAB
51	WEPX-TV	GREENVILLE NC	249.0	CP MOD	BMPCDT -20080620AJW
51	WEPX-TV	GREENVILLE NC	249.0	LIC	BLCDT -20090211ACH
51	W51AT	MYRTLE BEACH SC	76.0	LIC	BLTT -20000211AAP
47	WPEM		84.7	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	W51AT	MYRTLE BEACH SC	BLTT -20000211AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	WECT	WILMINGTON NC	69.5	LIC	BLCDT -20081031ABJ
47	WCSC-TV	CHARLESTON SC	128.3	LIC	BLCDT -20030501ABA
50	WCBD-TV	CHARLESTON SC	126.7	LIC	BLCDT -20060714AAN
51	WFXG-DR	AUGUSTA GA	279.9	APP	BPRM -20110226AAA
51	WFMY-TV	GREENSBORO NC	243.3	LIC	BLCDT -20050628AAB
51	WEPX-TV	GREENVILLE NC	217.9	CP MOD	BMPCDT -20080620AJW
51	WEPX-TV	GREENVILLE NC	217.9	LIC	BLCDT -20090211ACH
51	W51CW-D	WILMINGTON NC	91.3	CP	BPDTL -20101206ACK
51	W51DI	FLORENCE SC	76.0	LIC	BLTT -20050927ACW
47	WPEM		94.6	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	WPEN		USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
46	WWAY	WILMINGTON NC	98.6	LIC	BLCDDT -20051221AQ
46	W46EY-D	FLORENCE SC	81.5	CP	BNPDTL -20100819ABE
47	WJZY	BELMONT NC	207.3	LIC	BLCDDT -20080717AAP
47	WYDO-DR	GREENVILLE NC	174.5	APP	BPRM -20080620AOY
47	WYDO	GREENVILLE NC	162.4	LIC	BLCDDT -20090805AAL
47	WGSR-LD	REIDSVILLE NC	183.7	LIC	BLDTL -20091002ABV
47	W47CK	SHALLOTTE NC	95.5	LIC	BLTTL -20021220AAC
47	WCSC-TV	CHARLESTON SC	203.8	LIC	BLCDDT -20030501ABA
47	WZRB	COLUMBIA SC	192.8	CP	BPCDDT -20080317AIR
47	WZRB	COLUMBIA SC	192.8	LIC	BLCDDT -20110511AFZ
47	WUPV	ASHLAND VA	376.7	LIC	BLCDDT -20060210ABA
48	WRAL-TV	RALEIGH NC	120.6	LIC	BLCDDT -20090710AKG

Total scenarios = 1

Result key: 18
Scenario 1 Affected station 29
Before Analysis

Results for: 47A USERRECORD01 APP

HAAT 146.0 m, ATV ERP 5.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	263066	5025.2
not affected by terrain losses	263066	5025.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	101	2.0
lost to ATV IX only	101	2.0
lost to all IX	101	2.0

Potential Interfering Stations Included in above Scenario 1

48A NC RALEIGH BLCDDT 20090710AKG LIC

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