

FIGURE 1 (16 PAGES)

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

Date: 05-25-2012 Time: 17:39:47

Record Selected for Analysis

KINGSTON USERRECORD-01 KINGSTON2 NC US
Channel 21 ERP 15. kW HAAT 303. m RCAMSL 00313 m FULL SERVICE MASK
Latitude 035-21-55 Longitude 0077-23-38
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	15.000	295.6	55.2
45.0	15.000	303.0	55.6
90.0	15.000	307.7	55.8
135.0	15.000	307.3	55.8
180.0	15.000	300.3	55.4
225.0	15.000	307.4	55.8
270.0	15.000	300.2	55.4
315.0	15.000	298.6	55.3

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	Proposed Station Call	City/State	ARN
21	KINGSTON	KINGSTON2 NC	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WUND-TV	EDENTON NC	111.8	LIC	BMLEDT	-20101027ABX
20	NEW	FAYETTEVILLE NC	166.9	APP	BNPDTL	-20091023AHI
20	W63CW	GOLDSBORO NC	57.8	CP	BDISDTL	-20110901AAW
20	NEW	GREENVILLE NC	39.5	APP	BNPDTL	-20100209AAO
20	WNVN-LP	ROANOKE RAPIDS NC	130.4	LIC	BLTTL	-19910419IL
20	W20DA-D	WILMINGTON NC	138.8	CP	BNPDTL	-20090825AVB
21	DWDDN-LD	WASHINGTON DC	405.1	CP	BDCCDTL	-20061030ABV
21	WBOC-TV	SALISBURY MD	382.0	LIC	BLCDT	-20090618ABK
21	W21CK-D	CHARLOTTE NC	316.5	LIC	BLDTA	-20110706AAV
21	WACN-LP	PITTSBORO NC	164.9	CP	BDISDTL	-20100128AAB
21	WWIW-LD	RALEIGH NC	121.5	CP	BDCCDTL	-20081215AAQ
21	WHWD-LD	STATESVILLE NC	319.9	APP	BDFCDTT	-20060331AVP
21	W21DF-D	WILMINGTON NC	130.6	CP	BNPDTL	-20100422AAK
21	W21CA	COLUMBIA SC	358.5	LIC	BLTTL	-20031001ALE
21	WWMB	FLORENCE SC	208.5	LIC	BLCDT	-20090619ACJ
21	WVPY	FRONT ROYAL VA	357.8	CP	BPEDT	-20120321AAF
+						
22	NEW	DURHAM NC	156.3	APP	BNPDTL	-20100728ADK
22	W22ED-D	FAYETTEVILLE NC	166.9	CP	BNPDTL	-20091023AHJ
22	W22CJ	JACKSONVILLE NC	68.5	LIC	BLTT	-19990629JD
22	WFTB-LP	WILLIAMSTON NC	69.8	CP	BDISDTL	-20111216ABS
22	W22DQ-D	WILMINGTON NC	141.3	CP	BNPDTL	-20090825AEE

+ Indicates station is part of a DTS

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	WUND-TV	EDENTON NC	BMLEDT	-20101027ABX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WUNM-TV	JACKSONVILLE NC	125.9	LIC	BLEDT	-20090827AAT
20	WWCW	LYNCHBURG VA	333.0	LIC	BLCDT	-20090619ABM

21 KINGSTON KINGSTON2 NC 111.8 APP USERRECORD-01

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 20A NC EDENTON BMLEDT 20101027ABX LIC
HAAT 488.0 m, ATV ERP 543.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1360943	39069.0
not affected by terrain losses	1360943	39069.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	162	23.7
lost to ATV IX only	162	23.7
lost to all IX	162	23.7

Potential Interfering Stations Included in above Scenario 1

20A VA LYNCHBURG BLCDT 20090619ABM LIC

After Analysis

Results for: 20A NC EDENTON BMLEDT 20101027ABX LIC
HAAT 488.0 m, ATV ERP 543.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1360943	39069.0
not affected by terrain losses	1360943	39069.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1422	106.7
lost to ATV IX only	1422	106.7
lost to all IX	1422	106.7

Potential Interfering Stations Included in above Scenario 1

20A VA LYNCHBURG BLCDT 20090619ABM LIC
21A NC KINGSTON2 USERRECORD01 APP

Percent new IX = 0.0926%

Worst case new IX 0.0926% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
20	NEW	FAYETTEVILLE NC	BNPDTL	-20091023AHI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	W19CA	LUMBERTON NC	25.8	LIC	BLTT	-19961112JH
19	W19DX-D	FLORENCE SC	54.5	CP	BNPDTL	-20090825AZI
20	WUND-TV	EDENTON NC	278.4	LIC	BMLEDT	-20101027ABX
20	W63CW	GOLDSBORO NC	118.8	CP	BDISDTL	-20110901AAW
20	NEW	GREENVILLE NC	185.3	APP	BNPDTL	-20100209AAO
20	W20DA-D	WILMINGTON NC	80.9	CP	BNPDTL	-20090825AVB
20	W20CN	CHARLESTON SC	218.3	LIC	BLTT	-20060227AFJ
20	W20DH-D	FLORENCE SC	104.6	CP	BNPDTL	-20100409ABW
20	WWCW	LYNCHBURG VA	301.1	LIC	BLCDT	-20090619ABM
21	WWMB	FLORENCE SC	43.6	LIC	BLCDT	-20090619ACJ
21	KINGSTON	KINGSTON2 NC	166.9	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.
20	W63CW	GOLDSBORO NC	BDISDTL	-20110901AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WUNM-TV	JACKSONVILLE NC	69.4	LIC	BLEDT	-20090827AAT
20	WUND-TV	EDENTON NC	163.5	LIC	BMLEDT	-20101027ABX
20	NEW	FAYETTEVILLE NC	118.8	APP	BNPDTL	-20091023AHI
20	NEW	GREENVILLE NC	91.6	APP	BNPDTL	-20100209AAO
20	WNVN-LP	ROANOKE RAPIDS NC	129.1	LIC	BLTTL	-19910419IL
20	W20DA-D	WILMINGTON NC	117.4	CP	BNPDTL	-20090825AVB
20	WWCW	LYNCHBURG VA	260.4	LIC	BLCDT	-20090619ABM
21	WWIW-LD	RALEIGH NC	71.4	CP	BDCCDTL	-20081215AAQ
21	KINGSTON	KINGSTON2 NC	57.8	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.
20	NEW	GREENVILLE NC	BNPDTL	-20100209AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WUNM-TV	JACKSONVILLE NC	25.1	LIC	BLEDT	-20090827AAT
20	WUND-TV	EDENTON NC	107.0	LIC	BMLEDT	-20101027ABX
20	W63CW	GOLDSBORO NC	91.6	CP	BDISDTL	-20110901AAW

20	WNVN-LP	ROANOKE RAPIDS NC	164.1	LIC	BLTTL	-19910419IL
20	W20DA-D	WILMINGTON NC	139.7	CP	BNPDTL	-20090825AVB
20	WWCW	LYNCHBURG VA	334.8	LIC	BLCDT	-20090619ABM
21	KINGSTON	KINGSTON2 NC	39.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 4
Before Analysis

Results for: 20A NC GREENVILLE BNPDTL 20100209AAO APP
HAAT 143.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	137400	5604.1
not affected by terrain losses	137400	5604.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28439	2281.1
lost to ATV IX only	28439	2281.1
lost to all IX	28439	2281.1

Potential Interfering Stations Included in above Scenario 1

19A NC JACKSONVILLE	BLEDT	20090827AAT	LIC
20A NC EDENTON	BMLEDT	20101027ABX	LIC

After Analysis

Results for: 20A NC GREENVILLE BNPDTL 20100209AAO APP
HAAT 143.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	137400	5604.1
not affected by terrain losses	137400	5604.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28439	2281.1
lost to ATV IX only	28439	2281.1
lost to all IX	28439	2281.1

Potential Interfering Stations Included in above Scenario 1

19A NC JACKSONVILLE	BLEDT	20090827AAT	LIC
20A NC EDENTON	BMLEDT	20101027ABX	LIC
21A NC KINGSTON2	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 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	WNVN-LP	ROANOKE RAPIDS NC	BLTTL -19910419IL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
16	WHRO-TV	HAMPTON-NORFOLK VA	115.9	LIC	BLEDT -20090701AFO
17	WNCN	GOLDSBORO NC	115.8	LIC	BLCDT -20090612AIH
20	WUND-TV	EDENTON NC	142.4	LIC	BMLEDT -20101027ABX
20	WWCW	LYNCHBURG VA	190.7	LIC	BLCDT -20090619ABM
22	WRIC-TV	PETERSBURG VA	112.9	LIC	BLCDT -20090209ABZ
23	WUNK-TV	GREENVILLE NC	106.5	LIC	BLEDT -20100913ACD
27	WLFL	RALEIGH NC	115.8	LIC	BLCDT -20090612AIF
28	WRDC	DURHAM NC	116.1	LIC	BLCDT -20090612AID
21	KINGSTON	KINGSTON2 NC	130.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
20	W20DA-D	WILMINGTON NC	BNPDTL -20090825AVB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WUNM-TV	JACKSONVILLE NC	119.2	LIC	BLEDT -20090827AAT
19	W19DX-D	FLORENCE SC	88.9	CP	BNPDTL -20090825AZI
20	WUND-TV	EDENTON NC	245.2	LIC	BMLEDT -20101027ABX
20	NEW	FAYETTEVILLE NC	80.9	APP	BNPDTL -20091023AHI
20	W63CW	GOLDSBORO NC	117.4	CP	BDISDTL -20110901AAW
20	NEW	GREENVILLE NC	139.7	APP	BNPDTL -20100209AAO
20	W20CN	CHARLESTON SC	223.8	LIC	BLTT -20060227AFJ
20	W20DH-D	FLORENCE SC	141.5	CP	BNPDTL -20100409ABW
20	WWCW	LYNCHBURG VA	356.6	LIC	BLCDT -20090619ABM
21	W21DF-D	WILMINGTON NC	23.3	CP	BNPDTL -20100422AAK
21	WWMB	FLORENCE SC	101.2	LIC	BLCDT -20090619ACJ
21	KINGSTON	KINGSTON2 NC	138.8	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.
21	DWDDN-LD	WASHINGTON DC	BDCCDTL -20061030ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WQAW-LP	LAKE SHORE MD	38.7	CP	BDISDTL	-20090629AAY
21	WBOC-TV	SALISBURY MD	134.3	LIC	BLCDT	-20090618ABK
21	WLIW	GARDEN CITY NY	366.0	LIC	BLEDT	-20090612AEP
21	WLIW	GARDEN CITY NY	366.0	APP	BMPEDT	-20080620AID
21	WHP-TV	HARRISBURG PA	150.4	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	150.4	CP	BPCDT	-20100325ABG
21	WVPY	FRONT ROYAL VA	131.3	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	110.2	LIC	BLEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	110.2	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	165.6	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	143.5	CP	BPEDT	-20120321AAF
22	WMDO-LD	WASHINGTON DC	7.0	APP	BDISDTL	-20110329ACN
21	KINGSTON	KINGSTON2 NC	405.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WBOC-TV	SALISBURY MD	BLCDT	-20090618ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WLIW	GARDEN CITY NY	315.6	LIC	BLEDT	-20090612AEP
21	WLIW	GARDEN CITY NY	315.6	APP	BMPEDT	-20080620AID
21	WHP-TV	HARRISBURG PA	230.0	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	230.0	CP	BPCDT	-20100325ABG
21	WVPY	FRONT ROYAL VA	241.2	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	238.4	LIC	BLEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	238.4	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	283.4	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	260.0	CP	BPEDT	-20120321AAF
22	WNJS	CAMDEN NJ	152.5	CP	BPEDT	-20080620ALH
22	WNJS	CAMDEN NJ	152.5	LIC	BLEDT	-20070611AAY
22	WRIC-TV	PETERSBURG VA	203.9	LIC	BLCDT	-20090209ABZ
21	KINGSTON	KINGSTON2 NC	382.0	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.
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21 W21CK-D CHARLOTTE NC BLDTA -20110706AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WCCB	HICKORY NC	72.2	APP	BDRTCDT	-20090824AHX
20	W20DD-D	MARION, ETC. NC	81.7	LIC	BLDTT	-20100209ABG
21	WPBA	ATLANTA GA	355.0	LIC	BLEDT	-20041013ABK
21	WUPX-TV	MOREHEAD KY	388.8	LIC	BLCDT	-20040901ACJ
21	WHWD-LD	STATESVILLE NC	67.3	APP	BDFCDTT	-20060331AVP
21	W21CA	COLUMBIA SC	127.3	LIC	BLTTL	-20031001ALE
21	WWMB	FLORENCE SC	168.7	LIC	BLCDT	-20090619ACJ
21	WHNS	GREENVILLE SC	164.0	LIC	BLCDT	-20100430ADX
21	WCYB-TV	KINGSPORT TN	213.3	CP	BDRTCDT	-20100203AAZ
22	WCNC-TV	CHARLOTTE NC	31.4	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	31.4	CP	BPCDT	-20080617AEH
21	KINGSTON	KINGSTON2 NC	316.5	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.
21	WACN-LP	PITTSBORO NC	BDISDTL	-20100128AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WWIW-LD	RALEIGH NC	47.1	CP	BDCCDTL	-20081215AAQ
21	WHWD-LD	STATESVILLE NC	156.4	APP	BDFCDTT	-20060331AVP
21	WWMB	FLORENCE SC	152.9	LIC	BLCDT	-20090619ACJ
21	WHNS	GREENVILLE SC	324.7	LIC	BLCDT	-20100430ADX
21	WVPY	FRONT ROYAL VA	311.9	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	365.8	LIC	BLEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	365.8	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	320.2	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	321.9	CP	BPEDT	-20120321AAF
22	NEW	DURHAM NC	34.9	APP	BNPDTL	-20100728ADK
21	KINGSTON	KINGSTON2 NC	164.9	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.
21	WWIW-LD	RALEIGH NC	BDCCDTL	-20081215AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	W63CW	GOLDSBORO NC	71.4	CP	BDISDTL	-20110901AAW
21	WACN-LP	PITTSBORO NC	47.1	CP	BDISDTL	-20100128AAB
21	W21DF-D	WILMINGTON NC	175.4	CP	BNPDTL	-20100422AAK
21	WWMB	FLORENCE SC	168.5	LIC	BLCDDT	-20090619ACJ
21	WHNS	GREENVILLE SC	371.7	LIC	BLCDDT	-20100430ADX
21	WVPY	FRONT ROYAL VA	301.3	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	355.2	LIC	BLEDT	-20100209AAB
21	WVPY	FRONT ROYAL VA	355.2	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	315.9	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	314.2	CP	BPEDT	-20120321AAF
22	NEW	DURHAM NC	36.6	APP	BNPDTL	-20100728ADK
21	KINGSTON	KINGSTON2 NC	121.5	APP	USERRECORD-01	

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 11
Before Analysis

Results for: 21A NC RALEIGH BDCCDTL 20081215AAQ CP
HAAT 156.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558502	2381.3
not affected by terrain losses	558502	2381.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11243	30.6
lost to ATV IX only	11243	30.6
lost to all IX	11243	30.6

Potential Interfering Stations Included in above Scenario 1

21A NC PITTSBORO	BDISDTL	20100128AAB	CP
21A SC FLORENCE	BLCDDT	20090619ACJ	LIC

After Analysis

Results for: 21A NC RALEIGH BDCCDTL 20081215AAQ CP
HAAT 156.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	558502	2381.3
not affected by terrain losses	558502	2381.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	12207	48.4
lost to ATV IX only	12207	48.4
lost to all IX	12207	48.4

Potential Interfering Stations Included in above Scenario 1

21A NC PITTSBORO	BDISDTL	20100128AAB	CP
21A SC FLORENCE	BLCDDT	20090619ACJ	LIC
21A NC KINGSTON2	USERRECORD01		APP

Percent new IX = 0.1762%

Worst case new IX 0.1762% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WHWD-LD	STATESVILLE NC	BDFCDTT	-20060331AVP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WCCB	HICKORY NC	40.4	APP	BDRTCDT	-20090824AHX
20	W20DD-D	MARION, ETC. NC	58.2	LIC	BLDTT	-20100209ABG
21	WPBA	ATLANTA GA	387.9	LIC	BLEDT	-20041013ABK
21	WUPX-TV	MOREHEAD KY	337.8	LIC	BLCDT	-20040901ACJ
21	W21CK-D	CHARLOTTE NC	67.3	LIC	BLDTA	-20110706AAV
21	WACN-LP	PITTSBORO NC	156.4	CP	BDISDTL	-20100128AAB
21	WWIW-LD	RALEIGH NC	203.0	CP	BDCCDTL	-20081215AAQ
21	W21CA	COLUMBIA SC	194.4	LIC	BLTTL	-20031001ALE
21	WWMB	FLORENCE SC	213.7	LIC	BLCDT	-20090619ACJ
21	WHNS	GREENVILLE SC	176.2	LIC	BLCDT	-20100430ADX
21	WCYB-TV	KINGSPORT TN	172.0	CP	BDRTCDT	-20100203AAZ
21	WVPY	FRONT ROYAL VA	369.4	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	358.0	CP	BPEDT	-20120321AAF
21	WVPY	FRONT ROYAL VA	369.6	CP	BPEDT	-20120321AAF
22	WCNC-TV	CHARLOTTE NC	56.7	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	56.7	CP	BPCDT	-20080617AEH
21	KINGSTON	KINGSTON2 NC	319.9	APP	USERRECORD-01	
21	WVPY	FRONT ROYAL VA		CP	BPEDT	-20120321AAF

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.
21	W21DF-D	WILMINGTON NC	BNPDTL	-20100422AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	W20DA-D	WILMINGTON NC	23.3	CP	BNPDTL	-20090825AVB
21	WWIW-LD	RALEIGH NC	175.4	CP	BDCCDTL	-20081215AAQ
21	WWMB	FLORENCE SC	124.5	LIC	BLCDT	-20090619ACJ
22	W22DQ-D	WILMINGTON NC	14.4	CP	BNPDTL	-20090825AEE
21	KINGSTON	KINGSTON2 NC	130.6	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.
21	W21CA	COLUMBIA SC	BLTTL	-20031001ALE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WMYA-TV	ANDERSON SC	135.4	LIC	BLCDT	-20080714AFN
14	WMYA-TV	ANDERSON SC	135.4	CP MOD	BMPCDT	-20080620ADM
17	WLTX	COLUMBIA SC	20.4	LIC	BLCDT	-20050701AAC
18	WNEH	GREENWOOD SC	114.6	LIC	BLEDT	-20090622ADL
21	WPBA	ATLANTA GA	311.2	LIC	BLEDT	-20041013ABK
21	WWMB	FLORENCE SC	155.6	LIC	BLCDT	-20090619ACJ
21	WHNS	GREENVILLE SC	199.7	LIC	BLCDT	-20100430ADX
28	WRJA-TV	SUMTER SC	68.3	LIC	BLEDT	-20040805ABA
21	KINGSTON	KINGSTON2 NC	358.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	WWMB	FLORENCE SC	BLCDT	-20090619ACJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WHNS	GREENVILLE SC	319.1	LIC	BLCDT	-20100430ADX
22	WCNC-TV	CHARLOTTE NC	200.1	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	200.1	CP	BPCDT	-20080617AEH
21	KINGSTON	KINGSTON2 NC	208.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 4
Scenario 1 Affected station 15
Before Analysis

Results for: 21A SC FLORENCE BLCDT 20090619ACJ LIC
HAAT 581.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1315527	32501.5
not affected by terrain losses	1304811	32369.8

lost to NTSC IX	0	0.0
lost to additional IX by ATV	4927	278.1
lost to ATV IX only	4927	278.1
lost to all IX	4927	278.1

Potential Interfering Stations Included in above Scenario 1

21A SC GREENVILLE	BLCDDT	20100430ADX	LIC
22A NC CHARLOTTE	BLCDDT	20031211ABN	LIC

After Analysis

Results for: 21A SC FLORENCE BLCDDT 20090619ACJ LIC
 HAAT 581.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1315527	32501.5
not affected by terrain losses	1304811	32369.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	6871	309.6
lost to ATV IX only	6871	309.6
lost to all IX	6871	309.6

Potential Interfering Stations Included in above Scenario 1

21A SC GREENVILLE	BLCDDT	20100430ADX	LIC
22A NC CHARLOTTE	BLCDDT	20031211ABN	LIC
21A NC KINGSTON2	USERRECORD01		APP

Percent new IX = 0.1496%

Result key: 5
 Scenario 2 Affected station 15
 Before Analysis

Results for: 21A SC FLORENCE BLCDDT 20090619ACJ LIC
 HAAT 581.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1315527	32501.5
not affected by terrain losses	1304811	32369.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4927	278.1
lost to ATV IX only	4927	278.1
lost to all IX	4927	278.1

Potential Interfering Stations Included in above Scenario 2

21A SC GREENVILLE	BLCDDT	20100430ADX	LIC
22A NC CHARLOTTE	BPCDDT	20080617AEH	CP

After Analysis

Results for: 21A SC FLORENCE BLCDDT 20090619ACJ LIC
 HAAT 581.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1315527	32501.5
not affected by terrain losses	1304811	32369.8

lost to NTSC IX	0	0.0
lost to additional IX by ATV	6871	309.6
lost to ATV IX only	6871	309.6
lost to all IX	6871	309.6

Potential Interfering Stations Included in above Scenario 2

21A SC GREENVILLE	BLCDT	20100430ADX	LIC
22A NC CHARLOTTE	BPCDT	20080617AEH	CP
21A NC KINGSTON2	USERRECORD01		APP

Percent new IX = 0.1496%

Worst case new IX 0.1496% Scenario 1

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Analysis of Interference to Affected Station 16

Analysis of current record

DTS STATION

Channel	Call	City/State	Application	Ref. No.
21	WVPY	FRONT ROYAL VA	BPEDT	-20120321AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	WWCW	LYNCHBURG VA	167.2	LIC	BLCDT	-20090619ABM
21	WBOC-TV	SALISBURY MD	260.0	LIC	BLCDT	-20090618ABK
21	WBNS-TV	COLUMBUS OH	407.5	APP	BPCDT	-20080620ANA
21	WBNS-TV	COLUMBUS OH	407.5	LIC	BLCDT	-20021025ABK
21	WHP-TV	HARRISBURG PA	245.9	LIC	BLCDT	-20090615ADL
21	WHP-TV	HARRISBURG PA	245.9	CP	BPCDT	-20100325ABG
22	WRIC-TV	PETERSBURG VA	151.0	LIC	BLCDT	-20090209ABZ
21	KINGSTON	KINGSTON2 NC	376.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	NEW	DURHAM NC	BNPDTL	-20100728ADK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WACN-LP	PITTSBORO NC	34.9	CP	BDISDTL	-20100128AAB
21	WWIW-LD	RALEIGH NC	36.6	CP	BDCCDTL	-20081215AAQ
22	WCNC-TV	CHARLOTTE NC	213.8	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	213.8	CP	BPCDT	-20080617AEH

22	WFTB-LP	WILLIAMSTON NC	176.3	CP	BDISDTL	-20111216ABS
22	WRIC-TV	PETERSBURG VA	206.6	LIC	BLCDT	-20090209ABZ
23	WUNK-TV	GREENVILLE NC	130.5	LIC	BLEDT	-20100913ACD
23	W67CD	SANFORD NC	53.8	CP	BDISDTL	-20110901ABZ
21	KINGSTON	KINGSTON2 NC	156.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	W22ED-D	FAYETTEVILLE NC	BNPDTL	-20091023AHJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WWMB	FLORENCE SC	43.6	LIC	BLCDT	-20090619ACJ
22	WJCL	SAVANNAH GA	360.8	LIC	BLCDT	-20091013AFS
22	WCNC-TV	CHARLOTTE NC	211.0	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	211.0	CP	BPCDT	-20080617AEH
22	W22CJ	JACKSONVILLE NC	146.3	LIC	BLTT	-19990629JD
22	W22DQ-D	WILMINGTON NC	93.5	CP	BNPDTL	-20090825AEE
22	NEW	FLORENCE SC	43.8	APP	BNPDTL	-20090825AZE
22	W22DY-D	MYRTLE BEACH SC	97.9	CP	BNPDTL	-20100409AAY
22	WAZS-LP	NORTH CHARLESTON SC	217.2	LIC	BLTTL	-20060623AAY
22	WRIC-TV	PETERSBURG VA	341.6	LIC	BLCDT	-20090209ABZ
23	W67CD	SANFORD NC	94.9	CP	BDISDTL	-20110901ABZ
23	W23DW-D	MYRTLE BEACH SC	43.6	CP MOD	BMPDTL	-20110429ABE
21	KINGSTON	KINGSTON2 NC	166.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	W22CJ	JACKSONVILLE NC	BLTT	-19990629JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WUNM-TV	JACKSONVILLE NC	40.1	LIC	BLEDT	-20090827AAT
22	WCNC-TV	CHARLOTTE NC	348.2	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	348.2	CP	BPCDT	-20080617AEH
22	W22DQ-D	WILMINGTON NC	85.8	CP	BNPDTL	-20090825AEE

22	WRIC-TV	PETERSBURG VA	307.6	LIC	BLCDT	-20090209ABZ
23	WUNK-TV	GREENVILLE NC	91.0	LIC	BLEDT	-20100913ACD
29	WUNJ-TV	WILMINGTON NC	88.4	LIC	BLEDT	-20080821AAH
30	WSFX-TV	WILMINGTON NC	98.7	LIC	BLCDT	-20110209AAO
21	KINGSTON	KINGSTON2 NC	68.5	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.
22	WFTB-LP	WILLIAMSTON NC	BDISDTL	-20111216ABS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WCNC-TV	CHARLOTTE NC	383.0	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	383.0	CP	BPCDT	-20080617AEH
22	W22CJ	JACKSONVILLE NC	133.5	LIC	BLTT	-19990629JD
22	WRIC-TV	PETERSBURG VA	187.6	LIC	BLCDT	-20090209ABZ
23	WUNK-TV	GREENVILLE NC	67.5	LIC	BLEDT	-20100913ACD
21	KINGSTON	KINGSTON2 NC	69.8	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.
22	W22DQ-D	WILMINGTON NC	BNPDTL	-20090825AEE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	W21DF-D	WILMINGTON NC	14.4	CP	BNPDTL	-20100422AAK
21	WWMB	FLORENCE SC	111.7	LIC	BLCDT	-20090619ACJ
22	WJCL	SAVANNAH GA	385.4	LIC	BLCDT	-20091013AFS
22	WCNC-TV	CHARLOTTE NC	304.0	LIC	BLCDT	-20031211ABN
22	WCNC-TV	CHARLOTTE NC	304.0	CP	BPCDT	-20080617AEH
22	W22ED-D	FAYETTEVILLE NC	93.5	CP	BNPDTL	-20091023AHJ
22	W22CJ	JACKSONVILLE NC	85.8	LIC	BLTT	-19990629JD
22	WFTB-LP	WILLIAMSTON NC	211.0	CP	BDISDTL	-20111216ABS
22	NEW	FLORENCE SC	111.7	APP	BNPDTL	-20090825AZE
22	W22DY-D	MYRTLE BEACH SC	86.4	CP	BNPDTL	-20100409AAY
22	WAZS-LP	NORTH CHARLESTON SC	234.5	LIC	BLTTL	-20060623AAY
22	WRIC-TV	PETERSBURG VA	366.3	LIC	BLCDT	-20090209ABZ
21	KINGSTON	KINGSTON2 NC	141.3	APP	USERRECORD-01	

Proposal causes no interference

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