

ENGINEERING EXHIBIT FIGURE 3

**OET BULLETIN NO. 69
INTERFERENCE STUDY RESULTS**

KM LPTV OF ATLANTA, L.L.C.

CLASS A LOW POWER TELEVISION STATION WSKC-LP

CHANNEL 22(+) ATLANTA, GA

FIGURE 3 OET BULLETIN NO 69 BASED STUDY

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-05-2005 Time: 12:15:28

Record Selected for Analysis

WSKC-CPM USERRECORD-01 ATLANTA GA US
Channel 22 ERP 127. kW HAAT 30 m RCAMSL 00546 m
Latitude 034-04-01 Longitude 0084-27-23
Status APP Zone 1 Border Offset +
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 90.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	13.250	242.5	24.8
45.0	56.840	242.7	33.2
90.0	127.000	211.6	36.3
135.0	56.840	245.9	33.3
180.0	13.250	233.7	24.4
225.0	2.728	223.9	15.7
270.0	2.679	236.9	16.1
315.0	1.785	262.6	15.2

Evaluation from Class A Station

Station inside contour of station

WPBA 21 ATLANTA GA BLEDT 20041013ABK

Station inside contour of station

WPBA-DT 21 ATLANTA GA DTVPLN DTVP0432

Contour overlap to station

WCNC-TV 22 CHARLOTTE NC BLCDDT 20031211ABN
Offset Proposed + Offset Protected Required D/U ratio: 21.0

Contour overlap to station

WCNC-DT 22 CHARLOTTE NC DTVPLN DTVP0492
Offset Proposed + Offset Protected Required D/U ratio: 21.0

Contour Overlap Evaluation from Class A Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station

W22CZ 22 BLUE RIDGE GA BNPTTL 20000831CGC
Offset Proposed + Offset Protected - Required D/U ratio: 28.0

Contour overlap to station

W22AC 22 HARTWELL & ROYSTON GA BLTT 20021204AAN
Offset Proposed + Offset Protected N Required D/U ratio: 45.0

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station
WPBA 21 ATLANTA GA BLEDT20041013ABK causes
Contour overlap to Class A station
WSKC-CPM 22 ATLANTA GA USERRECORD01
Offset Proposed Offset Class A + Required D/U ratio: -14.0

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations
Proposed facility OK toward West Virginia quite 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	City/State	ARN
22	WSKC-CPM	ATLANTA GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WPBA	ATLANTA GA	36.0	LIC	BLEDT	-20041013ABK
21	WPBA-DT	ATLANTA GA	35.9	PLN	DTVPLN	-DTVP0432
22	W22CZ	BLUE RIDGE GA	89.9	CP	BNPTTL	-20000831CGC
22	W22AC	HARTWELL & ROYSTON GA	142.3	LIC	BLTT	-20021204AAN
22	WCNC-TV	CHARLOTTE NC	332.2	LIC	BLCDT	-20031211ABN
22	WCNC-DT	CHARLOTTE NC	332.2	PLN	DTVPLN	-DTVP0492

Study of this proposal found the following interference problem(s):

NONE.

Start of Detailed Interference Analysis

Channel	Call	City/State	ARN
22	WSKC-CPM	ATLANTA GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WPBA	ATLANTA GA	36.0	LIC	BLEDT	-20041013ABK
21	WPBA-DT	ATLANTA GA	35.9	PLN	DTVPLN	-DTVP0432
22	W22CZ	BLUE RIDGE GA	89.9	CP	BNPTTL	-20000831CGC
22	W22AC	HARTWELL & ROYSTON GA	142.3	LIC	BLTT	-20021204AAN
22	WCNC-TV	CHARLOTTE NC	332.2	LIC	BLCDT	-20031211ABN
22	WCNC-DT	CHARLOTTE NC	332.2	PLN	DTVPLN	-DTVP0492

Analysis of Interference to Affected Station 1

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
21	WPBA-DT	ATLANTA GA	DTVPLN -DTVP0432

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WTBS-DT	ATLANTA GA	5.6	PLN	DTVPLN -DTVP0393
20	WCESTV	WRENS GA	197.9	PLN	DTVPLN -NPLN1074
21	WDHN-DT	DOTHAN AL	294.5	PLN	DTVPLN -DTVP0426
21	WTTO	HOMWOOD AL	230.8	PLN	DTVPLN -NPLN1097
21	WBSGTV	BRUNSWICK GA	367.9	PLN	DTVPLN -NPLN1103
21	WHNS	ASHEVILLE NC	219.0	PLN	DTVPLN -NPLN1115
21	WUXP-DT	NASHVILLE TN	357.1	PLN	DTVPLN -DTVP0457

Results for: 21A GA ATLANTA DTVPLN DTVP0432 PLN
 HAAT 334.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3025968	18066.3
not affected by terrain losses	3018320	17877.4
lost to NTSC IX	55294	715.3
lost to additional IX by ATV	2915	56.3
lost to ATV IX only	2934	60.3
lost to all IX	58209	771.5

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
30	WPBA	ATLANTA GA	DTVPLN -NPLN1380

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WJSP-DT	COLUMBUS GA	106.4	PLN	DTVPLN -DTVP0518
23	WELF	DALTON GA	163.7	PLN	DTVPLN -NPLN1170
27	WAGA-DT	ATLANTA GA	4.1	PLN	DTVPLN -DTVP0669
28	WJSPTV	COLUMBUS GA	106.4	PLN	DTVPLN -NPLN1329
29	WDCOTV	COCHRAN GA	175.1	PLN	DTVPLN -NPLN1354
29	WTCI-DT	CHATTANOOGA TN	182.7	PLN	DTVPLN -DTVP0766
30	WBMG-DT	BIRMINGHAM AL	230.7	PLN	DTVPLN -DTVP0774
30	WFXL-DT	ALBANY GA	273.6	PLN	DTVPLN -DTVP0781
30	WAGT-DT	AUGUSTA GA	234.2	PLN	DTVPLN -DTVP0782
30	WNSCTV	ROCK HILL SC	327.3	PLN	DTVPLN -NPLN1391
30	WVLT-DT	KNOXVILLE TN	252.8	PLN	DTVPLN -DTVP0802
30	WUXP	NASHVILLE TN	357.1	PLN	DTVPLN -NPLN1393
31	WSWS-DT	OPELIKA AL	149.8	PLN	DTVPLN -DTVP0811
32	WPGA-DT	PERRY GA	133.2	PLN	DTVPLN -DTVP0861
32	WNEGTV	TOCCOA GA	130.0	PLN	DTVPLN -NPLN1425
33	WCLP-DT	CHATSWORTH GA	115.6	PLN	DTVPLN -DTVP0898
34	WNGMTV	ATHENS GA	59.9	PLN	DTVPLN -NPLN1471
44	WNALTV	GADSDEN AL	174.8	PLN	DTVPLN -NPLN1652
44	WHSG-DT	MONROE GA	30.7	PLN	DTVPLN -DTVP1259
45	WMCFTV	MONTGOMERY AL	229.8	PLN	DTVPLN -NPLN1676
45	WMAZ-DT	MACON GA	133.2	PLN	DTVPLN -DTVP1294
45	WTCI	CHATTANOOGA TN	182.7	PLN	DTVPLN -NPLN1690

Results for: 30N GA ATLANTA DTVPLN NPLN1380 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	3025968	18066.3
not affected by terrain losses	2996542	17592.1
lost to NTSC IX	40953	727.3
lost to additional IX by ATV	28392	357.6
lost to all IX	69345	1084.9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	WPBA	ATLANTA GA	BLEDT -20041013ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WTBS	ATLANTA GA	5.4	CP	BPCDT -20031210ACJ
20	WTBS-DT	ATLANTA GA	5.6	PLN	DTVPLN -DTVP0393
20	WTBS	ATLANTA GA	5.4	LIC	BLCDT -20020918AAR
20	WCES-TV	WRENS GA	197.9	LIC	BLET -19880627KE
21	WDHN-DT	DOTHAN AL	294.4	PLN	DTVPLN -DTVP0426
21	WDHN	DOTHAN AL	294.5	CP MOD	BMPCDT -20040803AAT
21	WTTT	HOMEWOOD AL	230.8	CP	BPCT -20041104AKN
21	WPXC-TV	BRUNSWICK GA	407.6	CP	BPCT -20010629ABD
21	WHNS	GREENVILLE SC	219.0	LIC	BMLCT -20030912AAE
21	WHNS	GREENVILLE SC	219.0	APP	BFRCT -20050815ADB
21	WUXP-TV	NASHVILLE TN	357.2	CP MOD	BMPCDT -20010525AAJ
21	WUXP-DT	NASHVILLE TN	357.2	PLN	DTVPLN -DTVP0457
22	WSKC-CPM	ATLANTA GA	36.0	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.
21	WPBA-DT	ATLANTA GA	DTVPLN -DTVP0432

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	WTBS	ATLANTA GA	5.3	CP	BPCDT -20031210ACJ
20	WTBS-DT	ATLANTA GA	5.6	PLN	DTVPLN -DTVP0393
20	WTBS	ATLANTA GA	5.3	LIC	BLCDT -20020918AAR
20	WCES-TV	WRENS GA	197.9	LIC	BLET -19880627KE
21	WDHN-DT	DOTHAN AL	294.5	PLN	DTVPLN -DTVP0426
21	WDHN	DOTHAN AL	294.6	CP MOD	BMPCDT -20040803AAT
21	WTTT	HOMEWOOD AL	230.8	CP	BPCT -20041104AKN
21	WPXC-TV	BRUNSWICK GA	407.7	CP	BPCT -20010629ABD
21	WHNS	GREENVILLE SC	219.0	LIC	BMLCT -20030912AAE
21	WHNS	GREENVILLE SC	219.0	APP	BFRCT -20050815ADB
21	WUXP-TV	NASHVILLE TN	357.2	CP MOD	BMPCDT -20010525AAJ
21	WUXP-DT	NASHVILLE TN	357.1	PLN	DTVPLN -DTVP0457
22	WSKC-CPM	ATLANTA GA	35.9	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.
22	W22CZ	BLUE RIDGE GA	BNPTTL -20000831CGC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	WKOP-TV	KNOXVILLE TN	131.4	LIC	BLET -19900829KE
19	WGNX-DT	ATLANTA GA	118.2	PLN	DTVPLN -DTVP0347
19	WGCL-TV	ATLANTA GA	118.2	CP	BPCDT -20040220ACX
20	WTBS	ATLANTA GA	118.2	CP	BPCDT -20031210ACJ
20	WTBS-DT	ATLANTA GA	121.0	PLN	DTVPLN -DTVP0393

20	WTBS	ATLANTA GA	118.2	LIC	BLCDDT	-20020918AAR
21	WPBA-DT	ATLANTA GA	123.5	PLN	DTVPLN	-DTVP0432
22	WFIQ-DT	FLORENCE AL	315.5	PLN	DTVPLN	-DTVP0468
22	WFIQ	FLORENCE AL	315.7	CP MOD	BMPEDT	-20000501AIS
22	WBMM	TUSKEGEE AL	344.9	LIC	BLCT	-20020726ABV
22	WLEX-DT	LEXINGTON KY	355.3	PLN	DTVPLN	-DTVP0483
22	WKPI-TV	PIKEVILLE KY	314.3	LIC	BMLET	-19830426KN
22	WCNC-TV	CHARLOTTE NC	293.6	LIC	BLCDDT	-20031211ABN
22	WCNC-DT	CHARLOTTE NC	293.6	PLN	DTVPLN	-DTVP0492
22	WCTE	COOKEVILLE TN	170.6	LIC	BLET	-19880802KE
23	NEW	BLAIRSVILLE GA	35.7	CP	BNPTTL	-20000831CJQ
23	WELF-TV	DALTON GA	94.9	LIC	BLCT	-19940516KE
24	WNEG-TV	TOCCOA GA	93.9	CP	BPCDDT	-19991026ABM
24	WNEG-DT	TOCCOA GA	93.9	PLN	DTVPLN	-DTVP0563
25	WATL	ATLANTA GA	118.2	LIC	BLCDDT	-20020716AAH
25	WATL-DT	ATLANTA GA	118.2	PLN	DTVPLN	-DTVP0598
26	WATE-DT	KNOXVILLE TN	131.1	PLN	DTVPLN	-DTVP0654
26	WATE-TV	KNOXVILLE TN	131.1	LIC	BMLCDDT	-20041203AEG
29	WTCI	CHATTANOOGA TN	92.9	CP	BPEDT	-20000428ACQ
29	WTCI-DT	CHATTANOOGA TN	92.9	PLN	DTVPLN	-DTVP0766
30	WVLT-TV	KNOXVILLE TN	129.9	LIC	BLCDDT	-20040420AAF
30	WVLT-DT	KNOXVILLE TN	132.1	PLN	DTVPLN	-DTVP0802
36	WATL	ATLANTA GA	118.2	LIC	BLCT	-20020816AAH
22	WSKC-CPM	ATLANTA GA	89.9	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.
22	W22AC	HARTWELL & ROYSTON GA	BLTT -20021204AAN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	WBSC-TV	ANDERSON SC	71.6	CP	BPCDDT -19991109ACE
14	WFBC-DT	ANDERSON SC	71.6	PLN	DTVPLN -DTVP0147
18	WNEH	GREENWOOD SC	70.9	CP MOD	BMPEDT -20050114AAI
18	WNEH-DT	GREENWOOD SC	71.0	PLN	DTVPLN -DTVP0322
19	WGNX-DT	ATLANTA GA	140.9	PLN	DTVPLN -DTVP0347
19	WGCL-TV	ATLANTA GA	140.8	CP	BPCDDT -20040220ACX
20	WTBS	ATLANTA GA	140.8	CP	BPCDDT -20031210ACJ
20	WTBS	ATLANTA GA	140.8	LIC	BLCDDT -20020918AAR
21	WHNS	GREENVILLE SC	99.4	LIC	BMLCT -20030912AAE
21	WHNS	GREENVILLE SC	99.4	APP	BFRCCCT -20050815ADB
22	WBMM	TUSKEGEE AL	374.8	LIC	BLCT -20020726ABV
22	W22CZ	BLUE RIDGE GA	143.1	CP	BNPTTL -20000831CGC
22	WJCL	SAVANNAH GA	291.4	LIC	BLCT -19980514KF
22	WKPI-TV	PIKEVILLE KY	332.5	LIC	BMLET -19830426KN
22	WCNC-TV	CHARLOTTE NC	198.0	LIC	BLCDDT -20031211ABN
22	WCNC-DT	CHARLOTTE NC	198.0	PLN	DTVPLN -DTVP0492
22	WCTE	COOKEVILLE TN	300.8	LIC	BLET -19880802KE
24	WNEG-TV	TOCCOA GA	51.6	CP	BPCDDT -19991026ABM
24	WNEG-DT	TOCCOA GA	51.6	PLN	DTVPLN -DTVP0563
25	WATL	ATLANTA GA	140.8	LIC	BLCDDT -20020716AAH
25	WATL-DT	ATLANTA GA	140.9	PLN	DTVPLN -DTVP0598
25	WUNF-DT	ASHEVILLE NC	124.8	PLN	DTVPLN -DTVP0608
25	WUNF-TV	ASHEVILLE NC	124.8	LIC	BLEDT -20030401BAI
30	WAGT	AUGUSTA GA	143.3	LIC	BLCDDT -20030530AON
30	WAGT-DT	AUGUSTA GA	141.8	PLN	DTVPLN -DTVP0782
36	WATL	ATLANTA GA	140.8	LIC	BLCT -20020816AAH
36	WCES-DT	WRENS GA	131.6	PLN	DTVPLN -DTVP1009
22	WSKC-CPM	ATLANTA GA	142.3	APP	USERRECORD-01

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 4
Before Analysis

Results for: 22N GA HARTWELL & ROYSTON	BLTT	20021204AAN	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	12689	343.3	
not affected by terrain losses	12689	343.3	
lost to NTSC IX	10556	183.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	10556	183.6	

Potential Interfering Stations Included in above Scenario 1

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC

After Analysis

Results for: 22N GA HARTWELL & ROYSTON	BLTT	20021204AAN	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	12689	343.3	
not affected by terrain losses	12689	343.3	
lost to NTSC IX	10556	183.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	10556	183.6	

Potential Interfering Stations Included in above Scenario 1

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N GA ATLANTA	USERRECORD01	APP	
*Percent new DTV interference without proposal:	83.2	BLTT	20021204AAN
*Percent new DTV interference with proposal:	83.2	BLTT	20021204AAN

Result key: 2
Scenario 2 Affected station 4
Before Analysis

Results for: 22N GA HARTWELL & ROYSTON	BLTT	20021204AAN	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	12689	343.3	
not affected by terrain losses	12689	343.3	
lost to NTSC IX	10556	183.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	10556	183.6	

Potential Interfering Stations Included in above Scenario 2

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC

After Analysis

Results for: 22N GA HARTWELL & ROYSTON	BLTT	20021204AAN	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	12689	343.3	
not affected by terrain losses	12689	343.3	
lost to NTSC IX	10556	183.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	10556	183.6	

Potential Interfering Stations Included in above Scenario 2

21N SC GREENVILLE	BMLCT	20030912AAE	LIC	
22N GA SAVANNAH	BLCT	19980514KF	LIC	
22N GA ATLANTA	USERRECORD01		APP	
*Percent new DTV interference without proposal:			83.2	BLTT 20021204AAN
*Percent new DTV interference with proposal:			83.2	BLTT 20021204AAN

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Analysis of Interference to Affected Station 5

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
22	WCNC-DT	CHARLOTTE NC	DTVPLN	-DTVP0492

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WHNS	ASHEVILLE NC	138.4	PLN	DTVPLN	-NPLN1115
21	WWMB	FLORENCE SC	200.2	PLN	DTVPLN	-NPLN1125
22	WJCL	SAVANNAH GA	365.9	PLN	DTVPLN	-NPLN1138
22	WLEX-DT	LEXINGTON KY	422.6	PLN	DTVPLN	-DTVP0483
22	WKPITV	PIKEVILLE KY	247.2	PLN	DTVPLN	-NPLN1143
22	WLFL	RALEIGH NC	216.8	PLN	DTVPLN	-NPLN1148
22	WCTE	COOKEVILLE TN	387.4	PLN	DTVPLN	-NPLN1156
22	WRIC-DT	PETERSBURG VA	399.7	PLN	DTVPLN	-DTVP0509
23	WBTB-DT	CHARLOTTE NC	2.4	PLN	DTVPLN	-DTVP0529

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN

HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42129	1273.7
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74677	2024.4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	WCNCTV	CHARLOTTE NC	DTVPLN	-NPLN1522

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WXLV-DT	WINSTON-SALEM NC	135.4	PLN	DTVPLN	-DTVP0751
29	WNTV	GREENVILLE SC	121.4	PLN	DTVPLN	-NPLN1366
32	WUNL-DT	WINSTON-SALEM NC	135.2	PLN	DTVPLN	-DTVP0870
32	WRLK-DT	COLUMBIA SC	138.2	PLN	DTVPLN	-DTVP0880
33	WUPN-DT	GREENSBORO NC	133.6	PLN	DTVPLN	-DTVP0908
34	WSOC-DT	CHARLOTTE NC	41.3	PLN	DTVPLN	-DTVP0943
35	WGHP-DT	HIGH POINT NC	130.7	PLN	DTVPLN	-DTVP0984
35	WRLKTV	COLUMBIA SC	138.2	PLN	DTVPLN	-NPLN1507
35	WGGT-DT	GREENVILLE SC	121.5	PLN	DTVPLN	-DTVP0992
36	WATL	ATLANTA GA	336.8	PLN	DTVPLN	-NPLN1516
36	WCES-DT	WRENS GA	253.6	PLN	DTVPLN	-DTVP1009
36	WFAY-DT	FAYETTEVILLE NC	197.3	PLN	DTVPLN	-DTVP1025
36	WUNPTV	ROANOKE RAPIDS NC	318.3	PLN	DTVPLN	-NPLN1523
36	WMMP	CHARLESTON SC	309.4	PLN	DTVPLN	-NPLN1529
36	WKZX-DT	COOKEVILLE TN	386.6	PLN	DTVPLN	-DTVP1033
36	WEFC-DT	ROANOKE VA	224.4	PLN	DTVPLN	-DTVP1036
38	WNEH	GREENWOOD SC	141.4	PLN	DTVPLN	-NPLN1551
39	WFVT-DT	ROCK HILL SC	2.2	PLN	DTVPLN	-DTVP1104

40	WHKY-DT	HICKORY NC	45.2	PLN	DTVPLN	-DTVP1132
40	WFBCTV	ANDERSON SC	126.7	PLN	DTVPLN	-NPLN1595
43	WLXI-DT	GREENSBORO NC	134.4	PLN	DTVPLN	-DTVP1233
43	WRET-DT	SPARTANBURG SC	78.2	PLN	DTVPLN	-DTVP1242
44	WUNG-DT	CONCORD NC	50.8	PLN	DTVPLN	-DTVP1275
50	WAXN-DT	KANNAPOLIS NC	41.3	PLN	DTVPLN	-DTVP1451
51	WFMY-DT	GREENSBORO NC	133.6	PLN	DTVPLN	-DTVP1484

Analysis of current record

Stations Potentially Affecting This Station

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Stations Potentially Affecting This Station

Scenario 1 Affected station 6
Before Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 1

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	BLC DT	20021112ACD	LIC
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN

After Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 1

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	BLC DT	20021112ACD	LIC
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN
22N GA ATLANTA	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to DTVPLN DTVP0492
*Percent Service lost with proposal:		0.0	to DTVPLN DTVP0492

Result key: 4
Scenario 2 Affected station 6
Before Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 2

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC

22A VA PETERSBURG	DTVPLN	DTVP0509	PLN
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN

After Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
 HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 2

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	DTVPLN	DTVP0509	PLN
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN
22N GA ATLANTA	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0492
*Percent Service lost with proposal:	0.0	to DTVPLN	DTVP0492

Result key: 5
 Scenario 3 Affected station 6
 Before Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
 HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	36456	866.5
lost to ATV IX only	41163	938.3
lost to all IX	78522	2132.2

Potential Interfering Stations Included in above Scenario 3

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
21A SC GREENVILLE	BFRCT	20050815ADB	APP
22A VA PETERSBURG	BLCDT	20021112ACD	LIC
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN

After Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
 HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	36456	866.5
lost to ATV IX only	41163	938.3
lost to all IX	78522	2132.2

Potential Interfering Stations Included in above Scenario 3

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
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22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
21A SC GREENVILLE	BFRCT	20050815ADB	APP
22A VA PETERSBURG	BLCDT	20021112ACD	LIC
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN
22N GA ATLANTA	USERRECORD01		APP
*Percent Service lost without proposal:		0.2	to DTVPLN DTVP0492
*Percent Service lost with proposal:		0.2	to DTVPLN DTVP0492

Result key: 6
 Scenario 4 Affected station 6
 Before Analysis

Results for: 22A NC CHARLOTTE	DTVPLN	DTVP0492	PLN
HAAT 595.0 m, ATV ERP 162.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2444026	35692.8	
not affected by terrain losses	2380762	34163.5	
lost to NTSC IX	42066	1265.8	
lost to additional IX by ATV	36456	866.5	
lost to ATV IX only	41163	938.3	
lost to all IX	78522	2132.2	

Potential Interfering Stations Included in above Scenario 4

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
21A SC GREENVILLE	BFRCT	20050815ADB	APP
22A VA PETERSBURG	DTVPLN	DTVP0509	PLN
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN

After Analysis

Results for: 22A NC CHARLOTTE	DTVPLN	DTVP0492	PLN
HAAT 595.0 m, ATV ERP 162.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2444026	35692.8	
not affected by terrain losses	2380762	34163.5	
lost to NTSC IX	42066	1265.8	
lost to additional IX by ATV	36456	866.5	
lost to ATV IX only	41163	938.3	
lost to all IX	78522	2132.2	

Potential Interfering Stations Included in above Scenario 4

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
21A SC GREENVILLE	BFRCT	20050815ADB	APP
22A VA PETERSBURG	DTVPLN	DTVP0509	PLN
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN
22N GA ATLANTA	USERRECORD01		APP
*Percent Service lost without proposal:		0.2	to DTVPLN DTVP0492
*Percent Service lost with proposal:		0.2	to DTVPLN DTVP0492

Result key: 7
 Scenario 5 Affected station 6
 Before Analysis

Results for: 22A NC CHARLOTTE	DTVPLN	DTVP0492	PLN
HAAT 595.0 m, ATV ERP 162.0 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 5

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	BLCDDT	20021112ACD	LIC
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN

After Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
 HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 5

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	BLCDDT	20021112ACD	LIC
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN
22N GA ATLANTA	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0492
*Percent Service lost with proposal:	0.0	to DTVPLN	DTVP0492

Result key: 8
 Scenario 6 Affected station 6
 Before Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
 HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 6

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	DTVPLN	DTVP0509	PLN
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN

After Analysis

Results for: 22A NC CHARLOTTE DTVPLN DTVP0492 PLN
HAAT 595.0 m, ATV ERP 162.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2444026	35692.8
not affected by terrain losses	2380762	34163.5
lost to NTSC IX	42066	1265.8
lost to additional IX by ATV	32548	750.7
lost to ATV IX only	34068	786.6
lost to all IX	74614	2016.4

Potential Interfering Stations Included in above Scenario 6

21N SC GREENVILLE	BMLCT	20030912AAE	LIC
22N GA SAVANNAH	BLCT	19980514KF	LIC
22N KY PIKEVILLE	BMLET	19830426KN	LIC
22N NC RALEIGH	BLCT	19861113KR	LIC
22A VA PETERSBURG	DTVPLN	DTVP0509	PLN
23A NC CHARLOTTE	DTVPLN	DTVP0529	PLN
22N GA ATLANTA	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0492
*Percent Service lost with proposal:	0.0	to DTVPLN	DTVP0492

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	WSKC-CPM	ATLANTA GA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
19	WGNX-DT	ATLANTA GA	30.8	PLN	DTVPLN -DTVP0347
19	WGCL-TV	ATLANTA GA	30.8	CP	BPCDT -20040220ACX
20	WTBS	ATLANTA GA	30.8	CP	BPCDT -20031210ACJ
20	WTBS-DT	ATLANTA GA	32.2	PLN	DTVPLN -DTVP0393
20	WTBS	ATLANTA GA	30.8	LIC	BLCDT -20020918AAR
21	WPBA-DT	ATLANTA GA	35.9	PLN	DTVPLN -DTVP0432
22	WFIQ-DT	FLORENCE AL	310.5	PLN	DTVPLN -DTVP0468
22	WFIQ	FLORENCE AL	310.7	CP MOD	BMPEDT -20000501AIS
22	WBMM	TUSKEGEE AL	261.9	LIC	BLCT -20020726ABV
22	WTXL-DT	TALLAHASSEE FL	380.5	PLN	DTVPLN -DTVP0476
22	WTXL-TV	TALLAHASSEE FL	380.5	CP MOD	BMPCDT -20040920ABX
22	WJCL	SAVANNAH GA	366.3	LIC	BLCT -19980514KF
22	WCNC-TV	CHARLOTTE NC	332.2	LIC	BLCDT -20031211ABN
22	WCNC-DT	CHARLOTTE NC	332.2	PLN	DTVPLN -DTVP0492
22	WCTE	COOKEVILLE TN	247.7	LIC	BLET -19880802KE
23	WELF-TV	DALTON GA	129.9	LIC	BLCT -19940516KE
24	WNEG-TV	TOCCOA GA	116.8	CP	BPCDT -19991026ABM
24	WNEG-DT	TOCCOA GA	116.8	PLN	DTVPLN -DTVP0563
25	WATL	ATLANTA GA	30.8	LIC	BLCDT -20020716AAH
25	WATL-DT	ATLANTA GA	30.8	PLN	DTVPLN -DTVP0598
36	WATL	ATLANTA GA	30.8	LIC	BLCT -20020816AAH

Total scenarios = 3

Result key: 9
Scenario 1 Affected station 7
Before Analysis

Results for: 22N GA ATLANTA USERRECORD01 APP
POPULATION AREA (sq km)

within Noise Limited Contour	945528	2438.2
not affected by terrain losses	935002	2402.2
lost to NTSC IX	41192	40.0
lost to additional IX by ATV	0	0.0
lost to all IX	41192	40.0

Potential Interfering Stations Included in above Scenario 1

36N GA ATLANTA	BLCT	20020816AAH	LIC
19A GA ATLANTA	BPCDT	20040220ACX	CP
20A GA ATLANTA	BPCDT	20031210ACJ	CP
21A GA ATLANTA	DTVPLN	DTVP0432	PLN

Result key: 10
 Scenario 2 Affected station 7
 Before Analysis

Results for: 22N GA ATLANTA USERRECORD01 APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	945528	2438.2
not affected by terrain losses	935002	2402.2
lost to NTSC IX	41192	40.0
lost to additional IX by ATV	0	0.0
lost to all IX	41192	40.0

Potential Interfering Stations Included in above Scenario 2

36N GA ATLANTA	BLCT	20020816AAH	LIC
19A GA ATLANTA	BPCDT	20040220ACX	CP
20A GA ATLANTA	DTVPLN	DTVP0393	PLN
21A GA ATLANTA	DTVPLN	DTVP0432	PLN

Result key: 11
 Scenario 3 Affected station 7
 Before Analysis

Results for: 22N GA ATLANTA USERRECORD01 APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	945528	2438.2
not affected by terrain losses	935002	2402.2
lost to NTSC IX	41192	40.0
lost to additional IX by ATV	0	0.0
lost to all IX	41192	40.0

Potential Interfering Stations Included in above Scenario 3

36N GA ATLANTA	BLCT	20020816AAH	LIC
19A GA ATLANTA	BPCDT	20040220ACX	CP
20A GA ATLANTA	BPCDT	20020918AAR	LIC
21A GA ATLANTA	DTVPLN	DTVP0432	PLN

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