

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Percent allowed new interference: 0.500
Percent allowed new interference to Class A: 0.500
TW Census data selected 2000
Post Transition Data Base Selected /export/home/cdbbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-17-2009

Record Selected for Analysis

WDBJDT USERRECORD-01 ROANOKE VA US
Channel 18 ERP 675. kW HAAT 606. m RCAMSL 01184 m
Latitude 037-11-42 Longitude 0080-09-23
Status APP Zone 2 Border
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 0.20 km

Facility does not meet maximum height/power limits
Channel 18 ERP = 675.00 HAAT = 606.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	675.000	653.9	119.5
45.0	675.000	683.9	121.0
90.0	672.676	751.7	124.1
135.0	675.000	556.8	114.5
180.0	675.000	349.0	98.3
225.0	675.000	493.4	110.2
270.0	675.000	688.8	121.3
315.0	675.000	672.8	120.5

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

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
18	WDBJDT	ROANOKE VA	USERRECORD01

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WNCN	GOLDSBORO NC	223.1	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	223.1	CP MOD	BMPCDT	-20081218AEV
17	WUNE-TV	LINVILLE NC	196.1	PLN	DTVPLN	-DTVP0604
17	WUNE-TV	LINVILLE NC	196.0	CP MOD	BMPEDT	-20080616ABZ
17	WFXR-TV	ROANOKE VA	0.2	PLN	DTVPLN	-DTVP0620
17	WFXR-TV	ROANOKE VA	0.2	CP	BPCDT	-20080619AJU
18	WNEH	GREENWOOD SC	362.4	LIC	BLEDT	-20050322AGH
18	WNEH	GREENWOOD SC	362.4	PLN	DTVPLN	-DTVP0647
18	WNEH	GREENWOOD SC	362.4	CP	BPEDT	-20080620ACH
18	WFXB	MYRTLE BEACH SC	345.5	PLN	DTVPLN	-DTVP0648
18	WFXB	MYRTLE BEACH SC	345.5	LIC	BLCDT	-20070205ACJ
18	WJPW-CA	WEIRTON WV	354.5	LIC	BLTTA	-20061026AFB
19	WCWG	LEXINGTON NC	150.5	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	150.5	PLN	DTVPLN	-DTVP0685
19	WCAV	CHARLOTTESVILLE VA	171.6	PLN	DTVPLN	-DTVP0700
19	WCAV	CHARLOTTESVILLE VA	171.6	CP MOD	BMPCDT	-20080616AAY
19	WVAH-TV	CHARLESTON WV	204.2	CP MOD	BMPCDT	-20040406AAX
19	WVAH-TV	CHARLESTON WV	204.2	PLN	DTVPLN	-DTVP0705

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WNCN	GOLDSBORO NC	DTVPLN	-DTVP0603

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WPDE-TV	FLORENCE SC	162.9	LIC	BLCDT	-20030121ADB
16	WPDE-TV	FLORENCE SC	162.9	PLN	DTVPLN	-DTVP0578
16	WPDE-TV	FLORENCE SC	162.7	CP	BPCDT	-20080317AHU
16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	LIC	BLEDT	-20020604AAB
16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	PLN	DTVPLN	-DTVP0585
16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	CP	BPEDT	-20080619ADA
17	WUNE-TV	LINVILLE NC	301.7	PLN	DTVPLN	-DTVP0604
17	WUNE-TV	LINVILLE NC	301.7	CP MOD	BMPEDT	-20080616ABZ
17	WLTX	COLUMBIA SC	268.9	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	268.9	LIC	BLCDT	-20050701AAC
17	WFXR-TV	ROANOKE VA	223.0	PLN	DTVPLN	-DTVP0620
17	WFXR-TV	ROANOKE VA	223.1	CP	BPCDT	-20080619AJU
18	WFXB	MYRTLE BEACH SC	175.6	PLN	DTVPLN	-DTVP0648
18	WFXB	MYRTLE BEACH SC	175.6	LIC	BLCDT	-20070205ACJ
18	WDBJ	ROANOKE VA	223.1	PLN	DTVPLN	-DTVP0655
18	WDBJDT	ROANOKE VA	223.1	APP	USERRECORD	-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WNCN	GOLDSBORO NC	BMPCDT	-20081218AEV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WPDE-TV	FLORENCE SC	162.9	LIC	BLCDT	-20030121ADB
16	WPDE-TV	FLORENCE SC	162.9	PLN	DTVPLN	-DTVP0578
16	WPDE-TV	FLORENCE SC	162.7	CP	BPCDT	-20080317AHU
16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	LIC	BLEDT	-20020604AAB
16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	PLN	DTVPLN	-DTVP0585
16	WHRO-TV	HAMPTON-NORFOLK VA	220.9	CP	BPEDT	-20080619ADA
17	WUNE-TV	LINVILLE NC	301.7	PLN	DTVPLN	-DTVP0604
17	WUNE-TV	LINVILLE NC	301.7	CP MOD	BMPEDT	-20080616ABZ
17	WLTX	COLUMBIA SC	268.9	PLN	DTVPLN	-DTVP0616

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

17	WLTX	COLUMBIA SC	268.9	LIC	BLCDDT	-20050701AAC
17	WFXR-TV	ROANOKE VA	223.0	PLN	DTVPLN	-DTVP0620
17	WFXR-TV	ROANOKE VA	223.1	CP	BPCDDT	-20080619AJU
18	WFXB	MYRTLE BEACH SC	175.6	PLN	DTVPLN	-DTVP0648
18	WFXB	MYRTLE BEACH SC	175.6	LIC	BLCDDT	-20070205ACJ
18	WDBJ	ROANOKE VA	223.1	PLN	DTVPLN	-DTVP0655
18	WDBJDT	ROANOKE VA	223.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WUNE-TV	LINVILLE NC	DTVPLN	-DTVP0604

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKHA	HAZARD KY	173.7	LIC	BLEDT	-20020205AAW
16	WKHA	HAZARD KY	173.7	PLN	DTVPLN	-DTVP0564
16	WGGG-TV	GREENVILLE SC	135.0	PLN	DTVPLN	-DTVP0579
16	WGGG-TV	GREENVILLE SC	135.0	CP	BPCDDT	-20080317AGV
16	WGGG-TV	GREENVILLE SC	135.0	APP	BMPCDDT	-20080619AAM
17	WNCN	GOLDSBORO NC	301.7	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	301.7	CP MOD	BMPCDDT	-20081218AEV
17	WQCW	PORTSMOUTH OH	273.4	CP	BPCDDT	-20080618ADI
17	WQCW	PORTSMOUTH OH	318.7	PLN	DTVPLN	-DTVP0610
17	WQCW	PORTSMOUTH OH	318.7	LIC	BLCDDT	-20060630AFJ
17	WLTX	COLUMBIA SC	239.5	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	239.5	LIC	BLCDDT	-20050701AAC
17	WKOP-TV	KNOXVILLE TN	190.2	PLN	DTVPLN	-DTVP0618
17	WKOP-TV	KNOXVILLE TN	190.2	LIC	BLEDT	-20040405ACC
17	WFXR-TV	ROANOKE VA	196.3	PLN	DTVPLN	-DTVP0620
17	WFXR-TV	ROANOKE VA	196.3	CP	BPCDDT	-20080619AJU
18	WNEH	GREENWOOD SC	190.3	LIC	BLEDT	-20050322AGH
18	WNEH	GREENWOOD SC	190.3	PLN	DTVPLN	-DTVP0647
18	WNEH	GREENWOOD SC	190.3	CP	BPEDT	-20080620ACH
18	WDBJ	ROANOKE VA	196.1	PLN	DTVPLN	-DTVP0655
18	WDBJDT	ROANOKE VA	196.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WUNE-TV	LINVILLE NC	BMPEDT	-20080616ABZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
16	WKHA	HAZARD KY	173.7	LIC	BLEDT	-20020205AAW
16	WKHA	HAZARD KY	173.7	PLN	DTVPLN	-DTVP0564
16	WGGG-TV	GREENVILLE SC	135.1	PLN	DTVPLN	-DTVP0579
16	WGGG-TV	GREENVILLE SC	135.1	CP	BPCDDT	-20080317AGV
16	WGGG-TV	GREENVILLE SC	135.1	APP	BMPCDDT	-20080619AAM
17	WNCN	GOLDSBORO NC	301.7	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	301.7	CP MOD	BMPCDDT	-20081218AEV
17	WQCW	PORTSMOUTH OH	273.4	CP	BPCDDT	-20080618ADI
17	WQCW	PORTSMOUTH OH	318.6	PLN	DTVPLN	-DTVP0610
17	WQCW	PORTSMOUTH OH	318.6	LIC	BLCDDT	-20060630AFJ
17	WLTX	COLUMBIA SC	239.6	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	239.6	LIC	BLCDDT	-20050701AAC
17	WKOP-TV	KNOXVILLE TN	190.2	PLN	DTVPLN	-DTVP0618
17	WKOP-TV	KNOXVILLE TN	190.2	LIC	BLEDT	-20040405ACC
17	WFXR-TV	ROANOKE VA	196.2	PLN	DTVPLN	-DTVP0620
17	WFXR-TV	ROANOKE VA	196.3	CP	BPCDDT	-20080619AJU
18	WNEH	GREENWOOD SC	190.4	LIC	BLEDT	-20050322AGH

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

18	WNEH	GREENWOOD SC	190.4	PLN	DTVPLN	-DTVP0647
18	WNEH	GREENWOOD SC	190.4	CP	BPEDT	-20080620ACH
18	WDBJ	ROANOKE VA	196.0	PLN	DTVPLN	-DTVP0655
18	WDBJDT	ROANOKE VA	196.0	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WFXR-TV	ROANOKE VA	DTVPLN	-DTVP0620

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WNCN	GOLDSBORO NC	223.0	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	223.0	CP MOD	BMPCDT	-20081218AEV
17	WUNE-TV	LINVILLE NC	196.3	PLN	DTVPLN	-DTVP0604
17	WUNE-TV	LINVILLE NC	196.2	CP MOD	BMPEDT	-20080616ABZ
17	WQCW	PORTSMOUTH OH	231.7	CP	BPCDT	-20080618ADI
17	WQCW	PORTSMOUTH OH	308.4	PLN	DTVPLN	-DTVP0610
17	WQCW	PORTSMOUTH OH	308.4	LIC	BLCDT	-20060630AFJ
17	WLTX	COLUMBIA SC	348.8	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	348.8	LIC	BLCDT	-20050701AAC
17	WKOP-TV	KNOXVILLE TN	364.5	PLN	DTVPLN	-DTVP0618
17	WKOP-TV	KNOXVILLE TN	364.5	LIC	BLEDT	-20040405ACC
18	WDBJ	ROANOKE VA	0.2	PLN	DTVPLN	-DTVP0655
18	WDBJDT	ROANOKE VA	0.2	APP	USERRECORD-01	

Total scenarios = 48

Result key: 37
Scenario 37 Affected station 5
Before Analysis

Results for: 17A VA ROANOKE DTVPLN DTVP0620 PLN
HAAT 594.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1282427	35403.7
not affected by terrain losses	1169307	30548.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	66387	1462.7
lost to ATV IX only	66387	1462.7
lost to all IX	66387	1462.7

Potential Interfering Stations Included in above Scenario 37

17A NC GOLDSBORO	BMPCDT	20081218AEV	CP
17A NC LINVILLE	BMPEDT	20080616ABZ	CP
17A OH PORTSMOUTH	BPCDT	20080618ADI	CP
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0618	PLN
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 17A VA ROANOKE DTVPLN DTVP0620 PLN
HAAT 594.0 m, ATV ERP 400.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1282427	35403.7
not affected by terrain losses	1169307	30548.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	69070	1488.6
lost to ATV IX only	69070	1488.6
lost to all IX	69070	1488.6

Potential Interfering Stations Included in above Scenario 37

17A NC GOLDSBORO	BMPCDT	20081218AEV	CP
17A NC LINVILLE	BMPEDT	20080616ABZ	CP
17A OH PORTSMOUTH	BPCDT	20080618ADI	CP

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
17A TN KNOXVILLE	DTVPLN	DTVP0618	PLN
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.2433%

Worst case new IX 0.2433% Scenario 37

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
17	WFXR-TV	ROANOKE VA	BPCDT	-20080619AJU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WNCN	GOLDSBORO NC	223.1	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	223.1	CP MOD	BMPCDT	-20081218AEV
17	WUNE-TV	LINVILLE NC	196.3	PLN	DTVPLN	-DTVP0604
17	WUNE-TV	LINVILLE NC	196.3	CP MOD	BMPEDT	-20080616ABZ
17	WQCW	PORTSMOUTH OH	231.7	CP	BPCDT	-20080618ADI
17	WQCW	PORTSMOUTH OH	308.4	PLN	DTVPLN	-DTVP0610
17	WQCW	PORTSMOUTH OH	308.4	LIC	BLCDT	-20060630AFJ
17	WLTX	COLUMBIA SC	348.9	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	348.9	LIC	BLCDT	-20050701AAC
17	WKOP-TV	KNOXVILLE TN	364.6	PLN	DTVPLN	-DTVP0618
17	WKOP-TV	KNOXVILLE TN	364.6	LIC	BLEDT	-20040405ACC
18	WDBJ	ROANOKE VA	0.2	PLN	DTVPLN	-DTVP0655
18	WDBJDT	ROANOKE VA	0.2	APP	USERRECORD-01	

Total scenarios = 24

Result key: 67

Scenario 19 Affected station 6
Before Analysis

Results for: 17A VA ROANOKE BPCDT 20080619AJU CP

HAAT 594.0 m, ATV ERP 695.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1373945	38919.8
not affected by terrain losses	1251185	34108.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	54757	1549.4
lost to ATV IX only	54757	1549.4
lost to all IX	54757	1549.4

Potential Interfering Stations Included in above Scenario 19

17A NC GOLDSBORO	BMPCDT	20081218AEV	CP
17A NC LINVILLE	BMPEDT	20080616ABZ	CP
17A OH PORTSMOUTH	BPCDT	20080618ADI	CP
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 17A VA ROANOKE BPCDT 20080619AJU CP

HAAT 594.0 m, ATV ERP 695.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1373945	38919.8
not affected by terrain losses	1251185	34108.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	58595	1600.2
lost to ATV IX only	58595	1600.2
lost to all IX	58595	1600.2

Potential Interfering Stations Included in above Scenario 19

17A NC GOLDSBORO	BMPCDT	20081218AEV	CP
------------------	--------	-------------	----

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

17A NC LINVILLE	BMPEDT	20080616ABZ	CP
17A OH PORTSMOUTH	BPCDT	20080618ADI	CP
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.3208%

Worst case new IX 0.3208% Scenario 19

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WNEH	GREENWOOD SC	BLEDT -20050322AGH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WUNE-TV	LINVILLE NC	190.3	PLN	DTVPLN -DTVP0604
17	WUNE-TV	LINVILLE NC	190.4	CP MOD	BMPEDT -20080616ABZ
17	WLTX	COLUMBIA SC	132.6	PLN	DTVPLN -DTVP0616
17	WLTX	COLUMBIA SC	132.6	LIC	BLCDT -20050701AAC
18	WFXB	MYRTLE BEACH SC	274.9	PLN	DTVPLN -DTVP0648
18	WFXB	MYRTLE BEACH SC	274.9	LIC	BLCDT -20070205ACJ
18	WDBJ	ROANOKE VA	362.4	PLN	DTVPLN -DTVP0655
19	WGCL-TV	ATLANTA GA	209.6	LIC	BLCDT -19981211KE
19	WGCL-TV	ATLANTA GA	209.5	PLN	DTVPLN -DTVP0669
19	WGCL-TV	ATLANTA GA	209.5	CP	BPCDT -20040220ACX
18	WDBJDT	ROANOKE VA	362.4	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WNEH	GREENWOOD SC	DTVPLN -DTVP0647

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WUNE-TV	LINVILLE NC	190.3	PLN	DTVPLN -DTVP0604
17	WUNE-TV	LINVILLE NC	190.4	CP MOD	BMPEDT -20080616ABZ
17	WLTX	COLUMBIA SC	132.6	PLN	DTVPLN -DTVP0616
17	WLTX	COLUMBIA SC	132.6	LIC	BLCDT -20050701AAC
18	WFXB	MYRTLE BEACH SC	274.9	PLN	DTVPLN -DTVP0648
18	WFXB	MYRTLE BEACH SC	274.9	LIC	BLCDT -20070205ACJ
18	WDBJ	ROANOKE VA	362.4	PLN	DTVPLN -DTVP0655
19	WGCL-TV	ATLANTA GA	209.6	LIC	BLCDT -19981211KE
19	WGCL-TV	ATLANTA GA	209.5	PLN	DTVPLN -DTVP0669
19	WGCL-TV	ATLANTA GA	209.5	CP	BPCDT -20040220ACX
18	WDBJDT	ROANOKE VA	362.4	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WNEH	GREENWOOD SC	BPEDT -20080620ACH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WUNE-TV	LINVILLE NC	190.3	PLN	DTVPLN -DTVP0604

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

17	WUNE-TV	LINVILLE NC	190.4	CP MOD	BMPEDT	-20080616ABZ
17	WLTX	COLUMBIA SC	132.6	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	132.6	LIC	BLCDT	-20050701AAC
18	WFXB	MYRTLE BEACH SC	274.9	PLN	DTVPLN	-DTVP0648
18	WFXB	MYRTLE BEACH SC	274.9	LIC	BLCDT	-20070205ACJ
18	WDBJ	ROANOKE VA	362.4	PLN	DTVPLN	-DTVP0655
19	WGCL-TV	ATLANTA GA	209.6	LIC	BLCDT	-19981211KE
19	WGCL-TV	ATLANTA GA	209.5	PLN	DTVPLN	-DTVP0669
19	WGCL-TV	ATLANTA GA	209.5	CP	BPCDT	-20040220ACX
18	WDBJDT	ROANOKE VA	362.4	APP	USERRECORD	-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WFXB	MYRTLE BEACH SC	DTVPLN	-DTVP0648

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WNCN	GOLDSBORO NC	175.6	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	175.6	CP MOD	BMPEDT	-20081218AEV
17	WLTX	COLUMBIA SC	145.8	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	145.8	LIC	BLCDT	-20050701AAC
18	WNEH	GREENWOOD SC	274.9	LIC	BLCDT	-20050322AGH
18	WNEH	GREENWOOD SC	274.9	PLN	DTVPLN	-DTVP0647
18	WNEH	GREENWOOD SC	274.9	CP	BPEDT	-20080620ACH
18	WDBJ	ROANOKE VA	345.5	PLN	DTVPLN	-DTVP0655
19	WUNM-TV	JACKSONVILLE NC	197.1	PLN	DTVPLN	-DTVP0684
19	WUNM-TV	JACKSONVILLE NC	197.1	CP MOD	BMPEDT	-20080617AAM
19	WCWG	LEXINGTON NC	195.5	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	195.5	PLN	DTVPLN	-DTVP0685
18	WDBJDT	ROANOKE VA	345.5	APP	USERRECORD	-01

Total scenarios = 12

Result key:

73
Scenario 1 Affected station 10
Before Analysis

Results for: 18A SC MYRTLE BEACH DTVPLN DTVP0648 PLN
HAAT 459.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1359482	37205.7
not affected by terrain losses	1350297	37107.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13090	195.8
lost to ATV IX only	13090	195.8
lost to all IX	13090	195.8

Potential Interfering Stations Included in above Scenario 1

17A NC GOLDSBORO	DTVPLN	DTVP0603	PLN
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
18A SC GREENWOOD	BLCDT	20050322AGH	LIC
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 18A SC MYRTLE BEACH DTVPLN DTVP0648 PLN
HAAT 459.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1359482	37205.7
not affected by terrain losses	1350297	37107.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14288	221.4
lost to ATV IX only	14288	221.4
lost to all IX	14288	221.4

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Potential Interfering Stations Included in above Scenario 1

17A NC GOLDSBORO	DTVPLN	DTVP0603	PLN
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
18A SC GREENWOOD	BLEDT	20050322AGH	LIC
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.0896%

Worst case new IX 0.0896% Scenario 1

#####

Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WFXB	MYRTLE BEACH SC	BLCDT	-20070205ACJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WNCN	GOLDSBORO NC	175.6	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	175.6	CP MOD	BMPCDT	-20081218AEV
17	WLTX	COLUMBIA SC	145.8	PLN	DTVPLN	-DTVP0616
17	WLTX	COLUMBIA SC	145.8	LIC	BLCDT	-20050701AAC
18	WNEH	GREENWOOD SC	274.9	LIC	BLEDT	-20050322AGH
18	WNEH	GREENWOOD SC	274.9	PLN	DTVPLN	-DTVP0647
18	WNEH	GREENWOOD SC	274.9	CP	BPEDT	-20080620ACH
18	WDBJ	ROANOKE VA	345.5	PLN	DTVPLN	-DTVP0655
19	WUNM-TV	JACKSONVILLE NC	197.1	PLN	DTVPLN	-DTVP0684
19	WUNM-TV	JACKSONVILLE NC	197.1	CP MOD	BMPEDT	-20080617AAM
19	WCWG	LEXINGTON NC	195.5	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	195.5	PLN	DTVPLN	-DTVP0685
18	WDBJDT	ROANOKE VA	345.5	APP	USERRECORD-01	

Total scenarios = 12

Result key: 85

Scenario 1 Affected station 11

Before Analysis

Results for: 18A SC MYRTLE BEACH BLCDT 20070205ACJ LIC
HAAT 459.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1359482	37205.7
not affected by terrain losses	1350297	37107.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	13090	195.8
lost to ATV IX only	13090	195.8
lost to all IX	13090	195.8

Potential Interfering Stations Included in above Scenario 1

17A NC GOLDSBORO	DTVPLN	DTVP0603	PLN
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
18A SC GREENWOOD	BLEDT	20050322AGH	LIC
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 18A SC MYRTLE BEACH BLCDT 20070205ACJ LIC
HAAT 459.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1359482	37205.7
not affected by terrain losses	1350297	37107.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14288	221.4
lost to ATV IX only	14288	221.4
lost to all IX	14288	221.4

Potential Interfering Stations Included in above Scenario 1

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

17A NC GOLDSBORO	DTVPLN	DTVP0603	PLN
17A SC COLUMBIA	DTVPLN	DTVP0616	PLN
18A SC GREENWOOD	BLEDT	20050322AGH	LIC
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.0896%

Worst case new IX 0.0896% Scenario 1

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	WJPW-CA	WEIRTON WV	BLTTA -20061026AFB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WDLI-TV	CANTON OH	114.1	APP	BPCT -20021119ABR
17	WDLI-TV	CANTON OH	79.2	LIC	BLCT -2558
18	WETM-TV	ELMIRA NY	366.0	LIC	BLCT -19980615KE
18	WETM-TV	ELMIRA NY	366.0	PLN	DTVPLN -DTVP0644
18	WETM-TV	ELMIRA NY	366.0	CP	BPCDT -20080307ACY
18	W63CH	AKRON OH	104.6	APP	BPTTL -20020307ABQ
18	W32DH-D	ERIE PA	200.6	CP	BNPTTL -20000830BKE
18	WDBJ	ROANOKE VA	354.5	PLN	DTVPLN -DTVP0655
19	WPCW	JEANNETTE PA	125.5	LIC	BLCT -20030512ABA
20	WFMJ-TV	YOUNGSTOWN OH	79.4	CP	BPCDT -19991027AAV
20	WFMJ-TV	YOUNGSTOWN OH	79.4	PLN	DTVPLN -DTVP0734
21	WFMJ-TV	YOUNGSTOWN OH	79.4	CP	BPCT -20060516ABT
25	KDKA-TV	PITTSBURGH PA	50.3	LIC	BLCDT -20041004ACS
25	KDKA-TV	PITTSBURGH PA	50.3	PLN	DTVPLN -DTVP0928
26	WVIZ	CLEVELAND OH	145.3	PLN	DTVPLN -DTVP0964
26	WQEX	PITTSBURGH PA	53.7	LIC	BLCDT -20040831ABW
33	WYTV	YOUNGSTOWN OH	77.4	LIC	BLCT -2210
33	WNPB-TV	MORGANTOWN WV	102.5	PLN	DTVPLN -DTVP1239
33	WNPB-TV	MORGANTOWN WV	102.5	LIC	BLEDT -20040108AKW
33	WNPB-TV	MORGANTOWN WV	102.5	CP MOD	BMPEDT -20080619ACQ
18	WDBJDT	ROANOKE VA	354.5	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
19	WCWG	LEXINGTON NC	BLCDT -20070418ACV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	WFXB	MYRTLE BEACH SC	195.5	PLN	DTVPLN -DTVP0648
18	WFXB	MYRTLE BEACH SC	195.5	LIC	BLCDT -20070205ACJ
18	WDBJ	ROANOKE VA	150.5	PLN	DTVPLN -DTVP0655
19	WUNM-TV	JACKSONVILLE NC	240.4	PLN	DTVPLN -DTVP0684
19	WUNM-TV	JACKSONVILLE NC	240.5	CP MOD	BMPEDT -20080617AAM
19	WCAV	CHARLOTTESVILLE VA	263.8	PLN	DTVPLN -DTVP0700
19	WCAV	CHARLOTTESVILLE VA	263.8	CP MOD	BMPCDT -20080616AAY
19	WVAH-TV	CHARLESTON WV	337.2	CP MOD	BMPCDT -20040406AAX
19	WVAH-TV	CHARLESTON WV	337.2	PLN	DTVPLN -DTVP0705
20	WWCW	LYNCHBURG VA	162.4	PLN	DTVPLN -DTVP0740
20	WWCW	LYNCHBURG VA	162.4	CP MOD	BMPCDT -20080619AJT
18	WDBJDT	ROANOKE VA	150.5	APP	USERRECORD-01

Total scenarios = 32

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Result key: 109
Scenario 13 Affected station 13
Before Analysis

Results for: 19A NC LEXINGTON BLCDT 20070418ACV LIC
HAAT 576.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4381813	45878.7
not affected by terrain losses	4356961	44988.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	116377	780.2
lost to ATV IX only	116377	780.2
lost to all IX	116377	780.2

Potential Interfering Stations Included in above Scenario 13

18A SC MYRTLE BEACH	DTVPLN	DTVP0648	PLN
19A NC JACKSONVILLE	BMPEDT	20080617AAM	CP
19A VA CHARLOTTESVILLE	BMPCDT	20080616AAY	CP
19A WV CHARLESTON	BMPCDT	20040406AAX	CP
20A VA LYNCHBURG	DTVPLN	DTVP0740	PLN
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 19A NC LEXINGTON BLCDT 20070418ACV LIC
HAAT 576.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4381813	45878.7
not affected by terrain losses	4356961	44988.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	117824	797.0
lost to ATV IX only	117824	797.0
lost to all IX	117824	797.0

Potential Interfering Stations Included in above Scenario 13

18A SC MYRTLE BEACH	DTVPLN	DTVP0648	PLN
19A NC JACKSONVILLE	BMPEDT	20080617AAM	CP
19A VA CHARLOTTESVILLE	BMPCDT	20080616AAY	CP
19A WV CHARLESTON	BMPCDT	20040406AAX	CP
20A VA LYNCHBURG	DTVPLN	DTVP0740	PLN
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.0341%

Worst case new IX 0.0341% Scenario 13

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WCWG	LEXINGTON NC	DTVPLN	-DTVP0685

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WFXB	MYRTLE BEACH SC	195.5	PLN	DTVPLN	-DTVP0648
18	WFXB	MYRTLE BEACH SC	195.5	LIC	BLCDT	-20070205ACJ
18	WDBJ	ROANOKE VA	150.5	PLN	DTVPLN	-DTVP0655
19	WUNM-TV	JACKSONVILLE NC	240.4	PLN	DTVPLN	-DTVP0684
19	WUNM-TV	JACKSONVILLE NC	240.5	CP MOD	BMPEDT	-20080617AAM
19	WCAV	CHARLOTTESVILLE VA	263.8	PLN	DTVPLN	-DTVP0700
19	WCAV	CHARLOTTESVILLE VA	263.8	CP MOD	BMPCDT	-20080616AAY
19	WVAH-TV	CHARLESTON WV	337.2	CP MOD	BMPCDT	-20040406AAX
19	WVAH-TV	CHARLESTON WV	337.2	PLN	DTVPLN	-DTVP0705
20	WWCW	LYNCHBURG VA	162.4	PLN	DTVPLN	-DTVP0740
20	WWCW	LYNCHBURG VA	162.4	CP MOD	BMPCDT	-20080619AJT
18	WDBJDT	ROANOKE VA	150.5	APP	USERRECORD-01	

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Total scenarios = 32

Result key: 141
Scenario 13 Affected station 14
Before Analysis

Results for: 19A NC LEXINGTON DTVPLN DTVP0685 PLN
HAAT 576.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4381813	45878.7
not affected by terrain losses	4356961	44988.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	116377	780.2
lost to ATV IX only	116377	780.2
lost to all IX	116377	780.2

Potential Interfering Stations Included in above Scenario 13

18A SC MYRTLE BEACH	DTVPLN	DTVP0648	PLN
19A NC JACKSONVILLE	BMPEDT	20080617AAM	CP
19A VA CHARLOTTESVILLE	BMPCDT	20080616AAY	CP
19A WV CHARLESTON	BMPCDT	20040406AAX	CP
20A VA LYNCHBURG	DTVPLN	DTVP0740	PLN
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 19A NC LEXINGTON DTVPLN DTVP0685 PLN
HAAT 576.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4381813	45878.7
not affected by terrain losses	4356961	44988.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	117824	797.0
lost to ATV IX only	117824	797.0
lost to all IX	117824	797.0

Potential Interfering Stations Included in above Scenario 13

18A SC MYRTLE BEACH	DTVPLN	DTVP0648	PLN
19A NC JACKSONVILLE	BMPEDT	20080617AAM	CP
19A VA CHARLOTTESVILLE	BMPCDT	20080616AAY	CP
19A WV CHARLESTON	BMPCDT	20040406AAX	CP
20A VA LYNCHBURG	DTVPLN	DTVP0740	PLN
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.0341%

Worst case new IX 0.0341% Scenario 13

#####

Analysis of Interference to Affected Station 15

Analysis of current record
Channel 19 Call WCAV City/State CHARLOTTESVILLE VA Application Ref. No. DTVPLN -DTVP0700

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDBJ	ROANOKE VA	171.6	PLN	DTVPLN	-DTVP0655
19	WUNM-TV	JACKSONVILLE NC	335.9	PLN	DTVPLN	-DTVP0684
19	WUNM-TV	JACKSONVILLE NC	336.0	CP MOD	BMPEDT	-20080617AAM
19	WCWG	LEXINGTON NC	263.8	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	263.8	PLN	DTVPLN	-DTVP0685
19	WVAH-TV	CHARLESTON WV	302.6	CP MOD	BMPCDT	-20040406AAX
19	WVAH-TV	CHARLESTON WV	302.6	PLN	DTVPLN	-DTVP0705
20	WWCW	LYNCHBURG VA	125.3	PLN	DTVPLN	-DTVP0740
20	WWCW	LYNCHBURG VA	125.3	CP MOD	BMPCDT	-20080619AJT
18	WDBJDT	ROANOKE VA	171.6	APP	USERRECORD-01	

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WCAV	CHARLOTTESVILLE VA	BMPCDT	-20080616AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDBJ	ROANOKE VA	171.6	PLN	DTVPLN	-DTVP0655
19	WUNM-TV	JACKSONVILLE NC	335.9	PLN	DTVPLN	-DTVP0684
19	WUNM-TV	JACKSONVILLE NC	336.0	CP MOD	BMPEDT	-20080617AAM
19	WCWG	LEXINGTON NC	263.8	LIC	BLCDDT	-20070418ACV
19	WCWG	LEXINGTON NC	263.8	PLN	DTVPLN	-DTVP0685
19	WVAH-TV	CHARLESTON WV	302.6	CP MOD	BMPCDT	-20040406AAX
19	WVAH-TV	CHARLESTON WV	302.6	PLN	DTVPLN	-DTVP0705
20	WWCW	LYNCHBURG VA	125.3	PLN	DTVPLN	-DTVP0740
20	WWCW	LYNCHBURG VA	125.3	CP MOD	BMPCDT	-20080619AJT
18	WDBJDT	ROANOKE VA	171.6	APP	USERRECORD-01	

Total scenarios = 8

Result key: 161
Scenario 1 Affected station 16
Before Analysis

Results for: 19A VA CHARLOTTESVILLE BMPCDT 20080616AAY CP
HAAT 326.0 m, ATV ERP 155.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	772754	20644.2
not affected by terrain losses	579212	17867.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11349	333.3
lost to ATV IX only	11349	333.3
lost to all IX	11349	333.3

Potential Interfering Stations Included in above Scenario 1

19A NC LEXINGTON	BLCDDT	20070418ACV	LIC
19A WV CHARLESTON	BMPCDT	20040406AAX	CP
20A VA LYNCHBURG	DTVPLN	DTVP0740	PLN
18A VA ROANOKE	DTVPLN	DTVP0655	PLN

After Analysis

Results for: 19A VA CHARLOTTESVILLE BMPCDT 20080616AAY CP
HAAT 326.0 m, ATV ERP 155.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	772754	20644.2
not affected by terrain losses	579212	17867.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11349	333.3
lost to ATV IX only	11349	333.3
lost to all IX	11349	333.3

Potential Interfering Stations Included in above Scenario 1

19A NC LEXINGTON	BLCDDT	20070418ACV	LIC
19A WV CHARLESTON	BMPCDT	20040406AAX	CP
20A VA LYNCHBURG	DTVPLN	DTVP0740	PLN
18A VA ROANOKE	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WVAH-TV	CHARLESTON WV	BMPCDT	-20040406AAX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDBJ	ROANOKE VA	204.2	PLN	DTVPLN	-DTVP0655
19	WBKI-TV	CAMPBELLSVILLE KY	325.3	LIC	BLCDT	-20080811ABA
19	WBKI-TV	CAMPBELLSVILLE KY	325.3	PLN	DTVPLN	-DTVP0677
19	WCWG	LEXINGTON NC	337.2	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	337.2	PLN	DTVPLN	-DTVP0685
19	WCAV	CHARLOTTESVILLE VA	302.6	PLN	DTVPLN	-DTVP0700
19	WCAV	CHARLOTTESVILLE VA	302.6	CP MOD	BMPCDT	-20080616AAY
18	WDBJDT	ROANOKE VA	204.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
19	WVAH-TV	CHARLESTON WV	DTVPLN	-DTVP0705

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
18	WDBJ	ROANOKE VA	204.2	PLN	DTVPLN	-DTVP0655
19	WBKI-TV	CAMPBELLSVILLE KY	325.3	LIC	BLCDT	-20080811ABA
19	WBKI-TV	CAMPBELLSVILLE KY	325.3	PLN	DTVPLN	-DTVP0677
19	WCWG	LEXINGTON NC	337.2	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	337.2	PLN	DTVPLN	-DTVP0685
19	WCAV	CHARLOTTESVILLE VA	302.6	PLN	DTVPLN	-DTVP0700
19	WCAV	CHARLOTTESVILLE VA	302.6	CP MOD	BMPCDT	-20080616AAY
18	WDBJDT	ROANOKE VA	204.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
18	WDBJDT	ROANOKE VA	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	WNCN	GOLDSBORO NC	223.1	PLN	DTVPLN	-DTVP0603
17	WNCN	GOLDSBORO NC	223.1	CP MOD	BMPCDT	-20081218AEV
17	WUNE-TV	LINVILLE NC	196.1	PLN	DTVPLN	-DTVP0604
17	WUNE-TV	LINVILLE NC	196.0	CP MOD	BMPEDT	-20080616ABZ
17	WFXR-TV	ROANOKE VA	0.2	PLN	DTVPLN	-DTVP0620
17	WFXR-TV	ROANOKE VA	0.2	CP	BPCDT	-20080619AJU
18	WNEH	GREENWOOD SC	362.4	LIC	BLEDT	-20050322AGH
18	WNEH	GREENWOOD SC	362.4	PLN	DTVPLN	-DTVP0647
18	WNEH	GREENWOOD SC	362.4	CP	BPEDT	-20080620ACH
18	WFXB	MYRTLE BEACH SC	345.5	PLN	DTVPLN	-DTVP0648
18	WFXB	MYRTLE BEACH SC	345.5	LIC	BLCDT	-20070205ACJ
19	WCWG	LEXINGTON NC	150.5	LIC	BLCDT	-20070418ACV
19	WCWG	LEXINGTON NC	150.5	PLN	DTVPLN	-DTVP0685
19	WCAV	CHARLOTTESVILLE VA	171.6	PLN	DTVPLN	-DTVP0700
19	WCAV	CHARLOTTESVILLE VA	171.6	CP MOD	BMPCDT	-20080616AAY
19	WVAH-TV	CHARLESTON WV	204.2	CP MOD	BMPCDT	-20040406AAX
19	WVAH-TV	CHARLESTON WV	204.2	PLN	DTVPLN	-DTVP0705

WDBJ-DT, Roanoke, VA, OET-69 Interference Analysis (worst-case scenarios)

Total scenarios = 12

Result key: 169
Scenario 1 Affected station 19
Before Analysis

Results for: 18A VA ROANOKE USERRECORD01 APP
HAAT 606.0 m, ATV ERP 675.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1553135	45917.8
not affected by terrain losses	1390422	40694.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17498	423.9
lost to ATV IX only	17498	423.9
lost to all IX	17498	423.9

Potential Interfering Stations Included in above Scenario 1

17A NC LINVILLE	BMPEDT	20080616ABZ	CP
17A VA ROANOKE	BPCDT	20080619AJU	CP
18A SC GREENWOOD	BLEDT	20050322AGH	LIC
18A SC MYRTLE BEACH	DTVPLN	DTVP0648	PLN
19A NC LEXINGTON	BLCDT	20070418ACV	LIC
19A VA CHARLOTTESVILLE	BMPCDT	20080616AAY	CP

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED