

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

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

Date: 11-04-2014

Record Selected for Analysis

WPXA-TV USERRECORD-01 ROME GA US
Channel 31 ERP 1000. kW HAAT 597. m RCAMSL 00926 m
Latitude 034-18-48 Longitude 0084-38-55
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000119394 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 0.95 km

NOTE: A HIGHER RESOLUTION TERRAIN INCREMENT OF 0.95 KM WAS EMPLOYED FOR THE INTERFERENCE ANALYSIS.

Facility (site # 01) does not meet maximum height/power limits
Channel 31 ERP = 1000.00 HAAT = 597.

Site number	1		
Azimuth	ERP	HAAT	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	734.449	614.1	118.327
45.0	618.582	495.1	109.509
90.0	224.676	570.6	105.465
135.0	962.361	606.8	120.583
180.0	331.776	589.3	109.873
225.0	417.316	587.6	111.816
270.0	925.444	631.7	121.556
315.0	207.480	678.6	109.671

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
to Class A stations from site # 01

Class A Evaluation Complete

Checks to Site Number 01

Proposed facility is 50.6km from FCC Monitoring station at
Powder Springs GA
Bearing: 187.9 degrees ERP: 245.55 kW HAAT: 601.0 m
Field = 10.3 mV/m

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

It is noted that the ERP toward the FCC monitoring station at Powder Springs, GA will be reduced from 312.53 kW to 245.55 kW and the predicted field level will be reduced from 12.0 mV/m to 10.3 mV/m.

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

Channel	Proposed Station Call	City/State	ARN
31	WPXA-TV	ROME GA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WTNB-CA	CLEVELAND TN	101.0	LIC	BLTT	19971027JD
30	WIAT	BIRMINGHAM AL	219.4	LIC	BLCDT	20021219AAV
30	WLGA	OPELIKA AL	221.8	LIC	BLCDT	20140827ABB
30	WLGA-DR	OPELIKA AL	221.8	APP	BPRM	20090722ACP
30	WVLT-TV	KNOXVILLE TN	197.3	LIC	BLCDT	20120103ABR
31	WNCF	MONTGOMERY AL	311.7	LIC	BLCDT	20121004AAI
31	WNCF	MONTGOMERY AL	311.6	CP	BPCDT	20140411AAH
31	WNCF-DR	MONTGOMERY AL	311.7	APP	BPRM	20110531ATU
31	WFXG	AUGUSTA GA	278.1	CP	BPCDT	20090303ABA
31	WFXG-DR	AUGUSTA GA	278.1	APP	BPRM	20080620AON
31	WRDW-DR	AUGUSTA GA	277.7	APP	BPRM	20110503AER
31	WDMA-CD	MACON GA	187.0	LIC	BLDTA	20140602AAA
31	WDKY-TV	DANVILLE KY	397.6	LIC	BLCDT	20120308AAK
31	WDKY-DR	DANVILLE KY	397.6	APP	BPRM	20080620AOU
31	WJDE-LD	NASHVILLE TN	282.3	LIC	BLDTA	20110627AAU
31	WAPW-CA	ABINGDON VA	362.9	LIC	BLTTA	20030618AAZ
32	WAAY-TV	HUNTSVILLE AL	178.9	LIC	BLCDT	20050701ABO
32	WPGA-TV	PERRY GA	200.9	LIC	BLCDT	20071213AAD
32	WPGA-TV	PERRY GA	200.9	CP	BPCDT	20111125IEF

%%%

Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
27	WTNB-CA	CLEVELAND TN	BLTT	-19971027JD

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Channel	Call	City/State	Application	Ref. No.
30	WIAT	BIRMINGHAM AL	BLCDT	-20021219AAV

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Channel	Call	City/State	Application	Ref. No.
30	WLGA	OPELIKA AL	BLCDT	-20140827ABB

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Channel	Call	City/State	Application	Ref. No.
30	WLGA-DR	OPELIKA AL	BPRM	-20090722ACP

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

Stations Potentially Affecting This Station

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.
30	WVLT-TV	KNOXVILLE TN	BLCDT	-20120103ABR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WTCI	CHATTANOOGA TN	148.4	LIC	BLEDT	-20060629ACO
29	WTCI	CHATTANOOGA TN	148.4	APP	BPEDT	-20140925ACE
29	WCYB-DR	BRISTOL VA	173.2	APP	BPRM	-20110526AJO
30	WIAT	BIRMINGHAM AL	381.7	LIC	BLCDT	-20021219AAV
30	WLGA	OPELIKA AL	415.6	LIC	BLCDT	-20140827ABB
30	WLGA-DR	OPELIKA AL	415.6	APP	BPRM	-20090722ACP
30	WAGT	AUGUSTA GA	347.1	LIC	BLCDT	-20030530AON
30	WKOH	OWENSBORO KY	363.8	LIC	BLEDT	-20020304ALJ
30	WRGT-TV	DAYTON OH	415.3	LIC	BLCDT	-20050621AAU
30	WRGT-TV	DAYTON OH	415.3	CP	BPCDT	-20110610ACR
30	WSLS-TV	ROANOKE VA	365.2	LIC	BLCDT	-20110615ABO
31	WDKY-TV	DANVILLE KY	212.0	LIC	BLCDT	-20120308AAK
31	WDKY-DR	DANVILLE KY	212.0	APP	BPRM	-20080620AOU
31	WPXA-TV	ROME GA	197.3	APP	USERRECORD-01	

Total scenarios = 5

Result key: 2
Scenario 2 Affected station 5
Before Analysis

Results for: 30A TN KNOXVILLE BLCDT 20120103ABR LIC

HAAT 551.0 m, ATV ERP 870.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1688051	43708.3
not affected by terrain losses	1453431	34673.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27366	649.9
lost to ATV IX only	27366	649.9
lost to all IX	27366	649.9

Potential Interfering Stations Included in above Scenario 2

29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
29A VA BRISTOL	BPRM	20110526AJO	APP
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A KY OWENSBORO	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	BLCDT	20110615ABO	LIC

After Analysis

Results for: 30A TN KNOXVILLE BLCDT 20120103ABR LIC

HAAT 551.0 m, ATV ERP 870.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1688051	43708.3
not affected by terrain losses	1453431	34673.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	27667	653.9
lost to ATV IX only	27667	653.9
lost to all IX	27667	653.9

Potential Interfering Stations Included in above Scenario 2

29A TN CHATTANOOGA	BLEDT	20060629ACO	LIC
29A VA BRISTOL	BPRM	20110526AJO	APP
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A GA AUGUSTA	BLCDT	20030530AON	LIC
30A KY OWENSBORO	BLEDT	20020304ALJ	LIC
30A VA ROANOKE	BLCDT	20110615ABO	LIC
31A GA ROME	USERRECORD01		APP

Percent new IX = 0.0211%

Worst case new IX 0.0211% Scenario 2

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WNCF	MONTGOMERY AL	BLCDT -20121004AAI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WIAT	BIRMINGHAM AL	148.4	LIC	BLCDT -20021219AAV
30	WLGA	OPELIKA AL	188.0	LIC	BLCDT -20140827ABB
30	WLGA-DR	OPELIKA AL	188.0	APP	BPRM -20090722ACP
31	WNCF-DR	MONTGOMERY AL	0.0	APP	BPRM -20110531ATU
31	WSRE	PENSACOLA FL	188.1	LIC	BLEDT -20060621AAS
31	WLAE-TV	NEW ORLEANS LA	386.2	LIC	BLEDT -20090205AAL
31	WGBC	MERIDIAN MS	180.8	LIC	BLCDT -20071024AAK
31	WPXA-TV	ROME GA	311.7	APP	USERRECORD-01

Total scenarios = 5

Result key: 8

Scenario 3 Affected station 6

Before Analysis

Results for: 31A AL MONTGOMERY BLCDT 20121004AAI LIC

HAAT 473.0 m, ATV ERP 720.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	642358	32253.1
not affected by terrain losses	637102	31954.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30179	2454.0
lost to ATV IX only	30179	2454.0
lost to all IX	30179	2454.0

Potential Interfering Stations Included in above Scenario 3

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A AL OPELIKA	BPRM	20090722ACP	APP
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC

After Analysis

Results for: 31A AL MONTGOMERY BLCDT 20121004AAI LIC

HAAT 473.0 m, ATV ERP 720.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	642358	32253.1
not affected by terrain losses	637102	31954.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30268	2498.4
lost to ATV IX only	30268	2498.4
lost to all IX	30268	2498.4

Potential Interfering Stations Included in above Scenario 3

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A AL OPELIKA	BPRM	20090722ACP	APP
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC
31A GA ROME	USERRECORD01		APP

Percent new IX = 0.0147%

Worst case new IX 0.0147% Scenario 3

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WNCF	MONTGOMERY AL	BPCDT -20140411AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WIAT	BIRMINGHAM AL	148.4	LIC	BLCDT -20021219AAV
30	WLGA	OPELIKA AL	187.8	LIC	BLCDT -20140827ABB

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30	WLGA-DR	OPELIKA AL	187.8	APP	BPRM	-20090722ACP
31	WNCB-DR	MONTGOMERY AL	0.2	APP	BPRM	-20110531ATU
31	WSRE	PENSACOLA FL	188.2	LIC	BLEDT	-20060621AAS
31	WLAE-TV	NEW ORLEANS LA	386.4	LIC	BLEDT	-20090205AAL
31	WGBC	MERIDIAN MS	181.0	LIC	BLCDT	-20071024AAK
31	WPXA-TV	ROME GA	311.6	APP	USERRECORD-01	

Total scenarios = 3

Result key: 11
 Scenario 1 Affected station 7
 Before Analysis

Results for: 31A AL MONTGOMERY BPCDT 20140411AAH CP
 HAAT 478.0 m, ATV ERP 720.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	641607	32208.1
not affected by terrain losses	639279	31885.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	33445	2486.2
lost to ATV IX only	33445	2486.2
lost to all IX	33445	2486.2

Potential Interfering Stations Included in above Scenario 1

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC

After Analysis

Results for: 31A AL MONTGOMERY BPCDT 20140411AAH CP
 HAAT 478.0 m, ATV ERP 720.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	641607	32208.1
not affected by terrain losses	639279	31885.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	33977	2514.5
lost to ATV IX only	33977	2514.5
lost to all IX	33977	2514.5

Potential Interfering Stations Included in above Scenario 1

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC
31A GA ROME	USERRECORD01		APP

Percent new IX = 0.0878%

Worst case new IX 0.0878% Scenario 1

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WNCB-DR	MONTGOMERY AL	BPRM	-20110531ATU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WIAT	BIRMINGHAM AL	148.4	LIC	BLCDT	-20021219AAV
30	WLGA	OPELIKA AL	188.0	LIC	BLCDT	-20140827ABB
30	WLGA-DR	OPELIKA AL	188.0	APP	BPRM	-20090722ACP
31	WNCB	MONTGOMERY AL	0.0	LIC	BLCDT	-20121004AAI
31	WNCB	MONTGOMERY AL	0.2	CP	BPCDT	-20140411AAH
31	WSRE	PENSACOLA FL	188.1	LIC	BLEDT	-20060621AAS
31	WLAE-TV	NEW ORLEANS LA	386.2	LIC	BLEDT	-20090205AAL
31	WGBC	MERIDIAN MS	180.8	LIC	BLCDT	-20071024AAK
31	WPXA-TV	ROME GA	311.7	APP	USERRECORD-01	

Total scenarios = 6

Result key: 15
 Scenario 2 Affected station 8
 Before Analysis

Results for: 31A AL MONTGOMERY BPRM 20110531ATU APP
 HAAT 473.0 m, ATV ERP 720.0 kW

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

	POPULATION	AREA (sq km)
within Noise Limited Contour	642358	32253.1
not affected by terrain losses	637102	31954.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	577975	27942.5
lost to ATV IX only	577975	27942.5
lost to all IX	577975	27942.5

Potential Interfering Stations Included in above Scenario 2

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
31A AL MONTGOMERY	BPCDT	20140411AAH	CP
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC

After Analysis

Results for: 31A AL MONTGOMERY BPRM 20110531ATU APP
HAAT 473.0 m, ATV ERP 720.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	642358	32253.1
not affected by terrain losses	637102	31954.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	577995	27946.5
lost to ATV IX only	577995	27946.5
lost to all IX	577995	27946.5

Potential Interfering Stations Included in above Scenario 2

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
31A AL MONTGOMERY	BPCDT	20140411AAH	CP
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC
31A GA ROME	USERRECORD01		APP

Percent new IX = 0.0338%

Worst case new IX 0.0338% Scenario 2

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WFXG	AUGUSTA GA	BPCDT	-20090303ABA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WAGT	AUGUSTA GA	1.2	LIC	BLCDT	-20030530AON
31	WFXG-DR	AUGUSTA GA	0.0	APP	BPRM	-20080620AON
31	WRDW-DR	AUGUSTA GA	1.1	APP	BPRM	-20110503AER
31	WUNU	LUMBERTON NC	299.1	LIC	BLEDT	-20091113ABG
31	WXII-TV	WINSTON-SALEM NC	354.8	LIC	BLCDT	-20050627AAU
32	WPGA-TV	PERRY GA	176.6	LIC	BLCDT	-20071213AAD
32	WPGA-TV	PERRY GA	176.6	CP	BPCDT	-20111125IEF
32	WRKL-TV	COLUMBIA SC	113.9	LIC	BLEDT	-20090622ADI
31	WPXA-TV	ROME GA	278.1	APP	USERRECORD-01	

Total scenarios = 5

Result key: 23

Scenario 4 Affected station 9

Before Analysis

Results for: 31A GA AUGUSTA BPCDT 20090303ABA CP
HAAT 384.0 m, ATV ERP 413.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1017677	30232.7
not affected by terrain losses	1008918	30059.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	928973	27618.1
lost to ATV IX only	928973	27618.1
lost to all IX	928973	27618.1

Potential Interfering Stations Included in above Scenario 4

30A GA AUGUSTA	BLCDT	20030530AON	LIC
31A GA AUGUSTA	BPRM	20110503AER	APP
31A NC LUMBERTON	BLEDT	20091113ABG	LIC
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

32A GA PERRY BPCDT 20111125IEF CP
32A SC COLUMBIA BLEDT 20090622ADI LIC

After Analysis

Results for: 31A GA AUGUSTA BPCDT 20090303ABA CP
HAAT 384.0 m, ATV ERP 413.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1017677	30232.7
not affected by terrain losses	1008918	30059.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	929055	27630.2
lost to ATV IX only	929055	27630.2
lost to all IX	929055	27630.2

Potential Interfering Stations Included in above Scenario 4

30A GA AUGUSTA BLCDDT 20030530AON LIC
31A GA AUGUSTA BPRM 20110503AER APP
31A NC LUMBERTON BLEDT 20091113ABG LIC
31A NC WINSTON-SALEM BLCDDT 20050627AAU LIC
32A GA PERRY BPCDT 20111125IEF CP
32A SC COLUMBIA BLEDT 20090622ADI LIC
31A GA ROME USERRECORD01 APP

Percent new IX = 0.1026%

Worst case new IX 0.1026% Scenario 4

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WFXG-DR	AUGUSTA GA	BPRM	-20080620AON

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WAGT	AUGUSTA GA	1.2	LIC	BLCDDT	-20030530AON
31	WFXG	AUGUSTA GA	0.0	CP	BPCDDT	-20090303ABA
31	WRDW-DR	AUGUSTA GA	1.1	APP	BPRM	-20110503AER
31	WUNU	LUMBERTON NC	299.1	LIC	BLEDT	-20091113ABG
31	WXII-TV	WINSTON-SALEM NC	354.8	LIC	BLCDDT	-20050627AAU
32	WPGA-TV	PERRY GA	176.6	LIC	BLCDDT	-20071213AAD
32	WPGA-TV	PERRY GA	176.6	CP	BPCDDT	-20111125IEF
32	WRLK-TV	COLUMBIA SC	113.9	LIC	BLEDT	-20090622ADI
31	WPXA-TV	ROME GA	278.1	APP	USERRECORD-01	

Total scenarios = 3

Result key: 25

Scenario 1 Affected station 10
Before Analysis

Results for: 31A GA AUGUSTA BPRM 20080620AON APP
HAAT 383.0 m, ATV ERP 413.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1014878	30192.3
not affected by terrain losses	1005606	30010.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	956570	28235.5
lost to ATV IX only	956570	28235.5
lost to all IX	956570	28235.5

Potential Interfering Stations Included in above Scenario 1

30A GA AUGUSTA BLCDDT 20030530AON LIC
31A GA AUGUSTA BPCDDT 20090303ABA CP
31A NC LUMBERTON BLEDT 20091113ABG LIC
31A NC WINSTON-SALEM BLCDDT 20050627AAU LIC
32A GA PERRY BPCDDT 20111125IEF CP
32A SC COLUMBIA BLEDT 20090622ADI LIC

After Analysis

Results for: 31A GA AUGUSTA BPRM 20080620AON APP
HAAT 383.0 m, ATV ERP 413.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1014878	30192.3

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

not affected by terrain losses	1005606	30010.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	956570	28235.5
lost to ATV IX only	956570	28235.5
lost to all IX	956570	28235.5

Potential Interfering Stations Included in above Scenario 1

30A GA AUGUSTA	BLCDT	20030530AON	LIC
31A GA AUGUSTA	BPCDT	20090303ABA	CP
31A NC LUMBERTON	BLEDT	20091113ABG	LIC
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
32A GA PERRY	BPCDT	20111125IEF	CP
32A SC COLUMBIA	BLEDT	20090622ADI	LIC
31A GA ROME	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 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WRDW-DR	AUGUSTA GA	BPRM	-20110503AER

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WAGT	AUGUSTA GA	1.1	LIC	BLCDT	-20030530AON
31	WFXG	AUGUSTA GA	1.1	CP	BPCDT	-20090303ABA
31	WFXG-DR	AUGUSTA GA	1.1	APP	BPRM	-20080620AON
31	WUNU	LUMBERTON NC	300.2	LIC	BLEDT	-20091113ABG
31	WXII-TV	WINSTON-SALEM NC	355.8	LIC	BLCDT	-20050627AAU
32	WPGA-TV	PERRY GA	175.6	LIC	BLCDT	-20071213AAD
32	WPGA-TV	PERRY GA	175.6	CP	BPCDT	-20111125IEF
32	WRLK-TV	COLUMBIA SC	115.0	LIC	BLEDT	-20090622ADI
31	WPXA-TV	ROME GA	277.7	APP	USERRECORD-01	

Total scenarios = 3

Result key: 28

Scenario 1 Affected station 11

Before Analysis

Results for: 31A GA AUGUSTA BPRM 20110503AER APP

HAAT 469.0 m, ATV ERP 751.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1398317	38521.3
not affected by terrain losses	1388006	38162.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1286859	34615.1
lost to ATV IX only	1286859	34615.1
lost to all IX	1286859	34615.1

Potential Interfering Stations Included in above Scenario 1

30A GA AUGUSTA	BLCDT	20030530AON	LIC
31A GA AUGUSTA	BPCDT	20090303ABA	CP
31A NC LUMBERTON	BLEDT	20091113ABG	LIC
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
32A GA PERRY	BPCDT	20111125IEF	CP
32A SC COLUMBIA	BLEDT	20090622ADI	LIC

After Analysis

Results for: 31A GA AUGUSTA BPRM 20110503AER APP

HAAT 469.0 m, ATV ERP 751.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1398317	38521.3
not affected by terrain losses	1388006	38162.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1287199	34651.4
lost to ATV IX only	1287199	34651.4
lost to all IX	1287199	34651.4

Potential Interfering Stations Included in above Scenario 1

30A GA AUGUSTA	BLCDT	20030530AON	LIC
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OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

31A GA AUGUSTA	BPCDT	20090303ABA	CP
31A NC LUMBERTON	BLEDT	20091113ABG	LIC
31A NC WINSTON-SALEM	BLCDT	20050627AAU	LIC
32A GA PERRY	BPCDT	20111125IEF	CP
32A SC COLUMBIA	BLEDT	20090622ADI	LIC
31A GA ROME	USERRECORD01		APP

Percent new IX = 0.3361%

Worst case new IX 0.3361% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WDMA-CD	MACON GA	BLDTA	-20140602AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WLGA	OPELIKA AL	119.7	LIC	BLCDT	-20140827ABB
30	WLGA-DR	OPELIKA AL	119.7	APP	BPRM	-20090722ACP
31	WAXC-LD	ALEXANDER CITY AL	212.3	LIC	BLDTL	-20110329ABN
31	WNCF	MONTGOMERY AL	301.4	LIC	BLCDT	-20121004AAI
31	WNCF	MONTGOMERY AL	301.2	CP	BPCDT	-20140411AAH
31	WNCF-DR	MONTGOMERY AL	301.4	APP	BPRM	-20110531ATU
31	W31DS-D	ASHBURN GA	122.1	CP	BNPDTL	-20100510ABE
31	WSB-TV	ATHENS GA	121.6	LIC	BLCDT	-20100429ADZ
31	WANN-CD	ATLANTA GA	124.0	CP	BDISTTL	-20091125AFY
31	WANN-CD	ATLANTA GA	124.0	APP	BDISDTL	-20091015ABG
31	WFXG	AUGUSTA GA	182.5	CP	BPCDT	-20090303ABA
31	WFXG-DR	AUGUSTA GA	182.5	APP	BPRM	-20080620AON
31	WRDW-DR	AUGUSTA GA	181.5	APP	BPRM	-20110503AER
31	W48DR-D	GAINESVILLE GA	172.7	APP	BDISDTL	-20140610ACW
32	WPGA-TV	PERRY GA	14.6	LIC	BLCDT	-20071213AAD
32	WPGA-TV	PERRY GA	14.6	CP	BPCDT	-20111125IEF
31	WPXA-TV	ROME GA	187.0	APP	USERRECORD-01	

Total scenarios = 10

Result key: 31
 Scenario 1 Affected station 12
 Before Analysis

Results for: 31A GA MACON BLDTA 20140602AAA LIC

HAAT	211.0 m, ATV ERP	15.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	378691	6529.7
not affected by terrain losses	378691	6529.7
lost to NTSC IX	34	4.0
lost to additional IX by ATV	10217	308.6
lost to ATV IX only	10217	308.6
lost to all IX	10251	312.7

Potential Interfering Stations Included in above Scenario 1

31N GA ATLANTA	BDISTTL	20091125AFY	CP
31A GA ATHENS	BLCDT	20100429ADZ	LIC
31A GA AUGUSTA	BPCDT	20090303ABA	CP
32A GA PERRY	BLCDT	20071213AAD	LIC

After Analysis

Results for: 31A GA MACON BLDTA 20140602AAA LIC

HAAT	211.0 m, ATV ERP	15.0 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	378691	6529.7
not affected by terrain losses	378691	6529.7
lost to NTSC IX	34	4.0
lost to additional IX by ATV	11559	408.9
lost to ATV IX only	11593	412.9
lost to all IX	11593	412.9

Potential Interfering Stations Included in above Scenario 1

31N GA ATLANTA	BDISTTL	20091125AFY	CP
31A GA ATHENS	BLCDT	20100429ADZ	LIC
31A GA AUGUSTA	BPCDT	20090303ABA	CP
32A GA PERRY	BLCDT	20071213AAD	LIC

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

31A GA ROME USERRECORD01 APP

Percent new IX = 0.3642%

Worst case new IX 0.3642% Scenario 1

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WDKY-TV	DANVILLE KY	BLCDT -20120308AAK

Stations Potentially Affecting This Station

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.
31	WDKY-DR	DANVILLE KY	BPRM -20080620AOU

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WJDE-LD	NASHVILLE TN	BLDTA -20110627AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WCKV-LD	CLARKSVILLE TN	65.5	CP	BPDTL -20131230AQQ
30	WCKV-LD	CLARKSVILLE TN	65.8	LIC	BLDTL -20131213AAA
31	WNAL-LD	HUNTSVILLE AL	160.2	CP	BPDTL -20130201BDU
31	NEW	EVANSVILLE IN	193.9	APP	BNPDTL -20090825AXM
31	WDKY-TV	DANVILLE KY	289.8	LIC	BLCDT -20120308AAK
31	WDKY-DR	DANVILLE KY	289.8	APP	BPRM -20080620AOU
31	DWOOT-LD	CHATTANOOGA TN	173.5	APP	BSTA -20121012AAB
31	WLMT	MEMPHIS TN	288.0	LIC	BLCDT -20050427ABN
31	WPXA-TV	ROME GA	282.3	APP	USERRECORD-01

Total scenarios = 5

Result key: 41

Scenario 1 Affected station 15

Before Analysis

Results for: 31A TN NASHVILLE BLDTA 20110627AAU LIC

HAAT 170.0 m, ATV ERP 5.3 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	997077	5554.2
not affected by terrain losses	996757	5538.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2726	20.0
lost to ATV IX only	2726	20.0
lost to all IX	2726	20.0

Potential Interfering Stations Included in above Scenario 1

31A AL HUNTSVILLE	BPDTL	20130201BDU	CP
31A KY DANVILLE	BLCDT	20120308AAK	LIC
31A TN MEMPHIS	BLCDT	20050427ABN	LIC

After Analysis

Results for: 31A TN NASHVILLE BLDTA 20110627AAU LIC

HAAT 170.0 m, ATV ERP 5.3 kW

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

	POPULATION	AREA (sq km)
within Noise Limited Contour	997077	5554.2
not affected by terrain losses	996757	5538.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2726	20.0
lost to ATV IX only	2726	20.0
lost to all IX	2726	20.0

Potential Interfering Stations Included in above Scenario 1

31A AL HUNTSVILLE	BPDTL	20130201BDU	CP
31A KY DANVILLE	BLCDT	20120308AAK	LIC
31A TN MEMPHIS	BLCDT	20050427ABN	LIC
31A GA ROME	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 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WAPW-CA	ABINGDON VA	BLTTA	-20030618AAZ

Stations Potentially Affecting This Station

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.
32	WAAY-TV	HUNTSVILLE AL	BLCDT	-20050701ABO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WPGA-TV	PERRY GA	352.6	LIC	BLCDT	-20071213AAD
32	WPGA-TV	PERRY GA	352.6	CP	BPCDT	-20111125IEF
32	WPSD-TV	PADUCAH KY	350.7	LIC	BLCDT	-20040227ABD
32	WABG-TV	GREENWOOD MS	398.9	LIC	BLCDT	-20051024ABR
32	WSBN-TV	NORTON VA	426.5	LIC	BLEDT	-20030428ABR
33	WCFT-TV	TUSCALOOSA AL	162.3	LIC	BLCDT	-20091106ABO
33	WNGH-TV	CHATSWORTH GA	166.1	LIC	BLEDT	-20080509AAN
33	WPGD-TV	HENDERSONVILLE TN	171.9	LIC	BMLCDT	-20131125BGF
33	WPGD-DR	HENDERSONVILLE TN	171.9	APP	BPRM	-20080620AIV
31	WPXA-TV	ROME GA	178.9	APP	USERRECORD-01	

Total scenarios = 3

Result key: 46

Scenario 1 Affected station 17

Before Analysis

Results for: 32A AL HUNTSVILLE BLCDT 20050701ABO LIC

HAAT 538.0 m, ATV ERP 468.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1390447	35120.9
not affected by terrain losses	1316155	32892.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16536	398.2
lost to ATV IX only	16536	398.2
lost to all IX	16536	398.2

Potential Interfering Stations Included in above Scenario 1

32A GA PERRY	BPCDT	20111125IEF	CP
32A KY PADUCAH	BLCDT	20040227ABD	LIC
32A MS GREENWOOD	BLCDT	20051024ABR	LIC
33A AL TUSCALOOSA	BLCDT	20091106ABO	LIC
33A GA CHATSWORTH	BLEDT	20080509AAN	LIC
33A TN HENDERSONVILLE	BMLCDT	20131125BGF	LIC

After Analysis

OET-69 Interference Analysis (WPXA-TV, Rome, GA, Channel 31) (Summary Results)

Results for: 32A AL HUNTSVILLE BLCDDT 20050701ABO LIC

HAAT 538.0 m, ATV ERP 468.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1390447	35120.9
not affected by terrain losses	1316155	32892.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	20740	527.0
lost to ATV IX only	20740	527.0
lost to all IX	20740	527.0

Potential Interfering Stations Included in above Scenario 1

32A GA PERRY	BPCDDT	20111125IEF	CP
32A KY PADUCAH	BLCDDT	20040227ABD	LIC
32A MS GREENWOOD	BLCDDT	20051024ABR	LIC
33A AL TUSCALOOSA	BLCDDT	20091106ABO	LIC
33A GA CHATSWORTH	BLEDT	20080509AAN	LIC
33A TN HENDERSONVILLE	BMLCDDT	20131125BGF	LIC
31A GA ROME	USERRECORD01		APP

Percent new IX = 0.3235%

Worst case new IX 0.3235% Scenario 1

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WPGA-TV	PERRY GA	BLCDDT	-20071213AAD

Stations Potentially Affecting This Station

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.
32	WPGA-TV	PERRY GA	BPCDDT	-20111125IEF

Stations Potentially Affecting This Station

Proposal causes no interference

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