

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition 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/cdbb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

WTXLDT USERRECORD-01 TALLAHASSEE FL US
Channel 27 ERP 1000. kW HAAT 512. m RCAMSL 00561 m
Latitude 030-40-06 Longitude 0083-58-10
Status APP Zone 3 Border
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

Facility does not meet maximum height/power limits
Channel 27 ERP = 1000.00 HAAT = 512.

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	1000.000	503.0	114.7
45.0	1000.000	503.6	114.8
90.0	1000.000	505.2	114.9
135.0	1000.000	517.8	115.7
180.0	1000.000	531.8	116.6
225.0	1000.000	514.1	115.5
270.0	1000.000	515.8	115.6
315.0	1000.000	501.0	114.6

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

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
27	WTXLDT	TALLAHASSEE FL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WKRQ-TV	MOBILE AL	369.1	CP	BPCDT	-20080317AIF
27	WKRQ-TV	MOBILE AL	369.1	PLN	DTVPLN	-DTVP0985
27	WKRQ-TV	MOBILE AL	369.1	LIC	BLCDT	-20050705AAO
27	WAIQ	MONTGOMERY AL	291.1	LIC	BLEDT	-20060706ACK
27	WAIQ	MONTGOMERY AL	291.1	PLN	DTVPLN	-DTVP0986
27	WRDQ	ORLANDO FL	365.8	CP	BPCDT	-20080207ABE
27	WRDQ	ORLANDO FL	365.8	PLN	DTVPLN	-DTVP0992
27	WAGA	ATLANTA GA	349.5	LIC	BLCDT	-20060728AEL
27	WAGA	ATLANTA GA	349.5	PLN	DTVPLN	-DTVP0995
28	WGFL	HIGH SPRINGS FL	177.0	LIC	BLCDT	-20060714ABC
28	WGFL	HIGH SPRINGS FL	177.0	PLN	DTVPLN	-DTVP1032
35	WBVJ-LP	VALDOSTA GA	66.1	LIC	BLTTL	-20001128AAG
35	WBVJ-LP	VALDOSTA GA	73.3	APP	BSTA	-20070117AAD

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WKRQ-TV	MOBILE AL	BPCDT	-20080317AIF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WGNO	NEW ORLEANS LA	220.0	CP	BPCDT	-20080401AWT
26	WGNO	NEW ORLEANS LA	217.9	PLN	DTVPLN	-DTVP0957
27	WAIQ	MONTGOMERY AL	238.0	LIC	BLEDT	-20060706ACK
27	WAIQ	MONTGOMERY AL	238.0	PLN	DTVPLN	-DTVP0986
27	WTXL-TV	TALLAHASSEE FL	369.1	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	369.1	CP	BPCDT	-20080212AAC
28	WDAM-TV	LAUREL MS	162.5	LIC	BLCDT	-20020426ABB
28	WDAM-TV	LAUREL MS	162.5	PLN	DTVPLN	-DTVP1046
27	WTXLDT	TALLAHASSEE FL	369.1	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 27A AL MOBILE BPCDT 20080317AIF CP

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1387119	42486.3
not affected by terrain losses	1386297	42322.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4227	507.3
lost to ATV IX only	4227	507.3
lost to all IX	4227	507.3

Potential Interfering Stations Included in above Scenario 1

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	DTVPLN	DTVP0993	PLN

After Analysis

Results for: 27A AL MOBILE BPCDT 20080317AIF CP

HAAT 573.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1387119	42486.3
not affected by terrain losses	1386297	42322.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4227	507.3
lost to ATV IX only	4227	507.3
lost to all IX	4227	507.3

Potential Interfering Stations Included in above Scenario 1

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	DTVPLN	DTVP0993	PLN
27A FL TALLAHASSEE	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 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WKRQ-TV	MOBILE AL	DTVPLN	-DTVP0985

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WGNO	NEW ORLEANS LA	220.0	CP	BPCDT	-20080401AWT
26	WGNO	NEW ORLEANS LA	217.9	PLN	DTVPLN	-DTVP0957
27	WAIQ	MONTGOMERY AL	238.0	LIC	BLEDT	-20060706ACK
27	WAIQ	MONTGOMERY AL	238.0	PLN	DTVPLN	-DTVP0986
27	WTXL-TV	TALLAHASSEE FL	369.1	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	369.1	CP	BPCDT	-20080212AAC
28	WDAM-TV	LAUREL MS	162.5	LIC	BLCDT	-20020426ABB
28	WDAM-TV	LAUREL MS	162.5	PLN	DTVPLN	-DTVP1046
27	WTXLDT	TALLAHASSEE FL	369.1	APP	USERRECORD-01	

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Total scenarios = 4

Result key: 5
Scenario 1 Affected station 2
Before Analysis

Results for: 27A AL MOBILE DTVPLN DTVP0985 PLN
HAAT 581.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1411118	46202.8
not affected by terrain losses	1410183	45991.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3690	611.5
lost to ATV IX only	3690	611.5
lost to all IX	3690	611.5

Potential Interfering Stations Included in above Scenario 1

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	DTVPLN	DTVP0993	PLN

After Analysis

Results for: 27A AL MOBILE DTVPLN DTVP0985 PLN
HAAT 581.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1411118	46202.8
not affected by terrain losses	1410183	45991.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3690	611.5
lost to ATV IX only	3690	611.5
lost to all IX	3690	611.5

Potential Interfering Stations Included in above Scenario 1

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	DTVPLN	DTVP0993	PLN
27A FL TALLAHASSEE	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 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WKRG-TV	MOBILE AL	BLCDT	-20050705AAO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WGNO	NEW ORLEANS LA	220.0	CP	BPCDT	-20080401AWT
26	WGNO	NEW ORLEANS LA	217.9	PLN	DTVPLN	-DTVP0957

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27	WAIQ	MONTGOMERY AL	238.0	LIC	BLEDT	-20060706ACK
27	WAIQ	MONTGOMERY AL	238.0	PLN	DTVPLN	-DTVP0986
27	WTXL-TV	TALLAHASSEE FL	369.1	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	369.1	CP	BPCDT	-20080212AAC
28	WDAM-TV	LAUREL MS	162.5	LIC	BLCDT	-20020426ABB
28	WDAM-TV	LAUREL MS	162.5	PLN	DTVPLN	-DTVP1046
27	WTXLDT	TALLAHASSEE FL	369.1	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9
Scenario 1 Affected station 3
Before Analysis

Results for: 27A AL MOBILE BLCDT 20050705AAO LIC
HAAT 499.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1295049	39114.2
not affected by terrain losses	1293703	38946.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3154	487.3
lost to ATV IX only	3154	487.3
lost to all IX	3154	487.3

Potential Interfering Stations Included in above Scenario 1

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	DTVPLN	DTVP0993	PLN

After Analysis

Results for: 27A AL MOBILE BLCDT 20050705AAO LIC
HAAT 499.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1295049	39114.2
not affected by terrain losses	1293703	38946.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3154	487.3
lost to ATV IX only	3154	487.3
lost to all IX	3154	487.3

Potential Interfering Stations Included in above Scenario 1

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	DTVPLN	DTVP0993	PLN
27A FL TALLAHASSEE	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 4

Analysis of current record

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Channel	Call	City/State	Application	Ref. No.
27	WAIQ	MONTGOMERY AL	BLEDT	-20060706ACK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WTJP-TV	GADSDEN AL	159.9	CP	BPCDT	-20080307ABA
26	WTJP-TV	GADSDEN AL	159.9	PLN	DTVPLN	-DTVP0945
26	WTJP-TV	GADSDEN AL	159.9	LIC	BLCDT	-20050511AAF
27	WKRQ-TV	MOBILE AL	238.0	CP	BPCDT	-20080317AIF
27	WKRQ-TV	MOBILE AL	238.0	PLN	DTVPLN	-DTVP0985
27	WKRQ-TV	MOBILE AL	238.0	LIC	BLCDT	-20050705AAO
27	WTXL-TV	TALLAHASSEE FL	291.1	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	291.1	CP	BPCDT	-20080212AAC
27	WAGA	ATLANTA GA	240.9	LIC	BLCDT	-20060728AEL
27	WAGA	ATLANTA GA	240.9	PLN	DTVPLN	-DTVP0995
27	WKRN-TV	NASHVILLE TN	410.4	LIC	BLCDT	-20020528AAC
27	WKRN-TV	NASHVILLE TN	410.4	PLN	DTVPLN	-DTVP1018
28	WTTQ	HOMEWOOD AL	131.6	CP MOD	BMPCDT	-20041104AMB
28	WTTQ	HOMEWOOD AL	131.6	PLN	DTVPLN	-DTVP1027
27	WTXLDT	TALLAHASSEE FL	291.1	APP	USERRECORD-01	

Total scenarios = 24

Result key: 17
Scenario 5 Affected station 4
Before Analysis

Results for: 27A AL MONTGOMERY BLEDT 20060706ACK LIC

HAAT 179.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	577896	20007.9
not affected by terrain losses	576809	19774.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17889	1192.6
lost to ATV IX only	17889	1192.6
lost to all IX	17889	1192.6

Potential Interfering Stations Included in above Scenario 5

27A AL MOBILE	BPCDT	20080317AIF	CP
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A GA ATLANTA	BLCDT	20060728AEL	LIC
28A AL HOMEWOOD	BMPCDT	20041104AMB	CP

After Analysis

Results for: 27A AL MONTGOMERY BLEDT 20060706ACK LIC

HAAT 179.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	577896	20007.9
not affected by terrain losses	576809	19774.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18270	1216.8
lost to ATV IX only	18270	1216.8
lost to all IX	18270	1216.8

Potential Interfering Stations Included in above Scenario 5

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27A AL MOBILE	BPCDT	20080317AIF	CP
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A GA ATLANTA	BLCDT	20060728AEL	LIC
28A AL HOMEWOOD	BMPCDT	20041104AMB	CP
27A FL TALLAHASSEE	USERRECORD01		APP

Percent new IX = 0.0682%

Worst case new IX 0.0682% Scenario 5

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WAIQ	MONTGOMERY AL	DTVPLN	-DTVP0986

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WTJP-TV	GADSDEN AL	159.9	CP	BPCDT	-20080307ABA
26	WTJP-TV	GADSDEN AL	159.9	PLN	DTVPLN	-DTVP0945
26	WTJP-TV	GADSDEN AL	159.9	LIC	BLCDT	-20050511AAF
27	WKRQ-TV	MOBILE AL	238.0	CP	BPCDT	-20080317AIF
27	WKRQ-TV	MOBILE AL	238.0	PLN	DTVPLN	-DTVP0985
27	WKRQ-TV	MOBILE AL	238.0	LIC	BLCDT	-20050705AAO
27	WTXL-TV	TALLAHASSEE FL	291.1	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	291.1	CP	BPCDT	-20080212AAC
27	WAGA	ATLANTA GA	240.9	LIC	BLCDT	-20060728AEL
27	WAGA	ATLANTA GA	240.9	PLN	DTVPLN	-DTVP0995
27	WKRN-TV	NASHVILLE TN	410.4	LIC	BLCDT	-20020528AAC
27	WKRN-TV	NASHVILLE TN	410.4	PLN	DTVPLN	-DTVP1018
28	WTTQ	HOMEWOOD AL	131.6	CP MOD	BMPCDT	-20041104AMB
28	WTTQ	HOMEWOOD AL	131.6	PLN	DTVPLN	-DTVP1027
27	WTXLDT	TALLAHASSEE FL	291.1	APP	USERRECORD-01	

Total scenarios = 24

Result key: 41

Scenario 5 Affected station 5

Before Analysis

Results for: 27A AL MONTGOMERY DTVPLN DTVP0986 PLN

HAAT 179.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	577896	20007.9
not affected by terrain losses	576809	19774.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	17889	1192.6
lost to ATV IX only	17889	1192.6
lost to all IX	17889	1192.6

Potential Interfering Stations Included in above Scenario 5

27A AL MOBILE	BPCDT	20080317AIF	CP
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WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A GA ATLANTA	BLCDT	20060728AEL	LIC
28A AL HOMEWOOD	BMPCDT	20041104AMB	CP

After Analysis

Results for: 27A AL MONTGOMERY DTVPLN DTVP0986 PLN
HAAT 179.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	577896	20007.9
not affected by terrain losses	576809	19774.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18270	1216.8
lost to ATV IX only	18270	1216.8
lost to all IX	18270	1216.8

Potential Interfering Stations Included in above Scenario 5

27A AL MOBILE	BPCDT	20080317AIF	CP
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A GA ATLANTA	BLCDT	20060728AEL	LIC
28A AL HOMEWOOD	BMPCDT	20041104AMB	CP
27A FL TALLAHASSEE	USERRECORD01		APP

Percent new IX = 0.0682%

Worst case new IX 0.0682% Scenario 5

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WRDQ	ORLANDO FL	BPCDT	-20080207ABE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WKMG-TV	ORLANDO FL	4.6	CP	BPCDT	-20080317ABW
26	WKMG-TV	ORLANDO FL	4.6	PLN	DTVPLN	-DTVP0951
27	WTXL-TV	TALLAHASSEE FL	365.8	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	365.8	CP	BPCDT	-20080212AAC
27	WXEL-TV	WEST PALM BEACH FL	235.4	LIC	BLEDT	-20040713AAJ
27	WXEL-TV	WEST PALM BEACH FL	235.4	PLN	DTVPLN	-DTVP0994
28	WGFL	HIGH SPRINGS FL	188.9	LIC	BLCDT	-20060714ABC
28	WGFL	HIGH SPRINGS FL	188.9	PLN	DTVPLN	-DTVP1032
27	WTXLDT	TALLAHASSEE FL	365.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Channel	Call	City/State	Application	Ref. No.
27	WRDQ	ORLANDO FL	DTVPLN	-DTVP0992

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WKMG-TV	ORLANDO FL	4.6	CP	BPCDT	-20080317ABW
26	WKMG-TV	ORLANDO FL	4.6	PLN	DTVPLN	-DTVP0951
27	WTXL-TV	TALLAHASSEE FL	365.8	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	365.8	CP	BPCDT	-20080212AAC
27	WXEL-TV	WEST PALM BEACH FL	235.4	LIC	BLEDT	-20040713AAJ
27	WXEL-TV	WEST PALM BEACH FL	235.4	PLN	DTVPLN	-DTVP0994
28	WGFL	HIGH SPRINGS FL	188.9	LIC	BLCDT	-20060714ABC
28	WGFL	HIGH SPRINGS FL	188.9	PLN	DTVPLN	-DTVP1032
27	WTXLDT	TALLAHASSEE FL	365.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WAGA	ATLANTA GA	BLCDT	-20060728AEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WTJP-TV	GADSDEN AL	195.3	CP	BPCDT	-20080307ABA
26	WTJP-TV	GADSDEN AL	195.3	PLN	DTVPLN	-DTVP0945
26	WTJP-TV	GADSDEN AL	195.3	LIC	BLCDT	-20050511AAF
27	WAIQ	MONTGOMERY AL	240.9	LIC	BLEDT	-20060706ACK
27	WAIQ	MONTGOMERY AL	240.9	PLN	DTVPLN	-DTVP0986
27	WTXL-TV	TALLAHASSEE FL	349.5	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	349.5	CP	BPCDT	-20080212AAC
27	WUNW	CANTON NC	236.1	APP	BPEDT	-20080402AAN
27	WCCB	CHARLOTTE NC	367.8	LIC	BLCDT	-20020227AAZ
27	WCCB	CHARLOTTE NC	367.8	PLN	DTVPLN	-DTVP1004
27	WKPT-TV	KINGSPORT TN	354.4	CP MOD	BMPCDT	-20050303AAJ
27	WKPT-TV	KINGSPORT TN	354.3	PLN	DTVPLN	-DTVP1017
27	WKRN-TV	NASHVILLE TN	338.0	LIC	BLCDT	-20020528AAC
27	WKRN-TV	NASHVILLE TN	338.0	PLN	DTVPLN	-DTVP1018
27	WTXLDT	TALLAHASSEE FL	349.5	APP	USERRECORD-01	

Total scenarios = 16

Result key: 65
Scenario 5 Affected station 8
Before Analysis

Results for: 27A GA ATLANTA BLCDT 20060728AEL LIC
HAAT 332.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4851509	32778.7
not affected by terrain losses	4802880	31368.9
lost to NTSC IX	0	0.0

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

lost to additional IX by ATV	28043	787.2
lost to ATV IX only	28043	787.2
lost to all IX	28043	787.2

Potential Interfering Stations Included in above Scenario 5

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A NC CHARLOTTE	BLCDT	20020227AAZ	LIC
27A TN NASHVILLE	BLCDT	20020528AAC	LIC

After Analysis

Results for: 27A GA ATLANTA BLC DT 20060728AEL LIC

HAAT 332.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4851509	32778.7
not affected by terrain losses	4802880	31368.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30291	811.3
lost to ATV IX only	30291	811.3
lost to all IX	30291	811.3

Potential Interfering Stations Included in above Scenario 5

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A NC CHARLOTTE	BLCDT	20020227AAZ	LIC
27A TN NASHVILLE	BLCDT	20020528AAC	LIC
27A FL TALLAHASSEE	USERRECORD01		APP

Percent new IX = 0.0471%

Worst case new IX 0.0471% Scenario 5

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	WAGA	ATLANTA GA	DTVPLN	-DTVP0995

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	WTJP-TV	GADSDEN AL	195.3	CP	BPCDT	-20080307ABA
26	WTJP-TV	GADSDEN AL	195.3	PLN	DTVPLN	-DTVP0945
26	WTJP-TV	GADSDEN AL	195.3	LIC	BLCDT	-20050511AAF
27	WAIQ	MONTGOMERY AL	240.9	LIC	BLEDT	-20060706ACK
27	WAIQ	MONTGOMERY AL	240.9	PLN	DTVPLN	-DTVP0986
27	WTXL-TV	TALLAHASSEE FL	349.5	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	349.5	CP	BPCDT	-20080212AAC
27	WUNW	CANTON NC	236.1	APP	BPEDT	-20080402AAN
27	WCCB	CHARLOTTE NC	367.8	LIC	BLCDT	-20020227AAZ
27	WCCB	CHARLOTTE NC	367.8	PLN	DTVPLN	-DTVP1004
27	WKPT-TV	KINGSPORT TN	354.4	CP MOD	BMPCDT	-20050303AAJ

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27	WKPT-TV	KINGSPORT TN	354.3	PLN	DTVPLN	-DTVP1017
27	WKRN-TV	NASHVILLE TN	338.0	LIC	BLCDT	-20020528AAC
27	WKRN-TV	NASHVILLE TN	338.0	PLN	DTVPLN	-DTVP1018
27	WTXLDT	TALLAHASSEE FL	349.5	APP	USERRECORD-01	

Total scenarios = 16

Result key: 81
Scenario 5 Affected station 9
Before Analysis

Results for: 27A GA ATLANTA DTVPLN DTVP0995 PLN
HAAT 332.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4851509	32778.7
not affected by terrain losses	4802880	31368.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28043	787.2
lost to ATV IX only	28043	787.2
lost to all IX	28043	787.2

Potential Interfering Stations Included in above Scenario 5

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A NC CHARLOTTE	BLCDT	20020227AAZ	LIC
27A TN NASHVILLE	BLCDT	20020528AAC	LIC

After Analysis

Results for: 27A GA ATLANTA DTVPLN DTVP0995 PLN
HAAT 332.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4851509	32778.7
not affected by terrain losses	4802880	31368.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30291	811.3
lost to ATV IX only	30291	811.3
lost to all IX	30291	811.3

Potential Interfering Stations Included in above Scenario 5

27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A FL TALLAHASSEE	BPCDT	20080212AAC	CP
27A NC CHARLOTTE	BLCDT	20020227AAZ	LIC
27A TN NASHVILLE	BLCDT	20020528AAC	LIC
27A FL TALLAHASSEE	USERRECORD01		APP

Percent new IX = 0.0471%

Worst case new IX 0.0471% Scenario 5

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Analysis of Interference to Affected Station 10

WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	WGFL	HIGH SPRINGS FL	BLCDT	-20060714ABC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WRDQ	ORLANDO FL	188.9	CP	BPCDT	-20080207ABE
27	WRDQ	ORLANDO FL	188.9	PLN	DTVPLN	-DTVP0992
27	WTXL-TV	TALLAHASSEE FL	177.0	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	177.0	CP	BPCDT	-20080212AAC
28	WFLX	WEST PALM BEACH FL	409.1	LIC	BLCDT	-20020417AAP
28	WFLX	WEST PALM BEACH FL	409.1	PLN	DTVPLN	-DTVP1033
28	WTGS	HARDEEVILLE SC	293.2	PLN	DTVPLN	-DTVP1055
29	WFTS-TV	TAMPA FL	201.0	CP	BPCDT	-20040330ABZ
29	WFTS-TV	TAMPA FL	201.0	PLN	DTVPLN	-DTVP1068
29	WFTS-TV	TAMPA FL	201.0	LIC	BLCDT	-20020319AAG
27	WTXLDT	TALLAHASSEE FL	177.0	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.
28	WGFL	HIGH SPRINGS FL	DTVPLN	-DTVP1032

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WRDQ	ORLANDO FL	188.9	CP	BPCDT	-20080207ABE
27	WRDQ	ORLANDO FL	188.9	PLN	DTVPLN	-DTVP0992
27	WTXL-TV	TALLAHASSEE FL	177.0	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	177.0	CP	BPCDT	-20080212AAC
28	WFLX	WEST PALM BEACH FL	409.1	LIC	BLCDT	-20020417AAP
28	WFLX	WEST PALM BEACH FL	409.1	PLN	DTVPLN	-DTVP1033
28	WTGS	HARDEEVILLE SC	293.2	PLN	DTVPLN	-DTVP1055
29	WFTS-TV	TAMPA FL	201.0	CP	BPCDT	-20040330ABZ
29	WFTS-TV	TAMPA FL	201.0	PLN	DTVPLN	-DTVP1068
29	WFTS-TV	TAMPA FL	201.0	LIC	BLCDT	-20020319AAG
27	WTXLDT	TALLAHASSEE FL	177.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WBVJ-LP	VALDOSTA GA	BLTTL	-20001128AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

27	WTXL-TV	TALLAHASSEE FL	66.1	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	66.1	CP	BPCDT	-20080212AAC
32	WFSU-TV	TALLAHASSEE FL	135.8	LIC	BLEDT	-20030730ACW
32	WFSU-TV	TALLAHASSEE FL	135.8	PLN	DTVPLN	-DTVP1177
35	WFGX	FORT WALTON BEACH FL	317.9	LIC	BLCT	-20030304AAC
35	WOFL	ORLANDO FL	328.4	LIC	BLCT	-19960507KF
35	W35BN	TALLAHASSEE FL	101.4	CP	BPTTL	-20060403AAH
35	WGSX	BAXLEY GA	229.6	LIC	BLCDD	-20071120AJC
35	WGSX	BAXLEY GA	230.1	PLN	DTVPLN	-DTVP1286
35	WLTZ	COLUMBUS GA	233.6	LIC	BLCDD	-20060627ABT
35	WLTZ	COLUMBUS GA	233.6	PLN	DTVPLN	-DTVP1287
35	960920YR	WARNER ROBINS GA	193.8	APP	BPCT	-19960920YR
35	970331SY	WARNER ROBINS GA	205.6	APP	BPCT	-19970331SY
43	WSWG	VALDOSTA GA	37.1	LIC	BLCDD	-20061109ACF
43	WSWG	VALDOSTA GA	37.1	PLN	DTVPLN	-DTVP1533
49	WTLH	BAINBRIDGE GA	66.0	PLN	DTVPLN	-DTVP1736
49	WTLH	BAINBRIDGE GA	66.0	CP	BPCT	-20061120ACH
27	WTXLDT	TALLAHASSEE FL	66.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	WBVJ-LP	VALDOSTA GA	BSTA	-20070117AAD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WTXL-TV	TALLAHASSEE FL	73.3	PLN	DTVPLN	-DTVP0993
27	WTXL-TV	TALLAHASSEE FL	73.3	CP	BPCDD	-20080212AAC
32	WFSU-TV	TALLAHASSEE FL	143.7	LIC	BLEDT	-20030730ACW
32	WFSU-TV	TALLAHASSEE FL	143.7	PLN	DTVPLN	-DTVP1177
34	WGSX	BAXLEY GA	133.8	LIC	BLCT	-19920512KG
35	WFGX	FORT WALTON BEACH FL	321.9	LIC	BLCT	-20030304AAC
35	WOFL	ORLANDO FL	338.0	LIC	BLCT	-19960507KF
35	W35BN	TALLAHASSEE FL	109.3	CP	BPTTL	-20060403AAH
35	WGSX	BAXLEY GA	219.8	LIC	BLCDD	-20071120AJC
35	WGSX	BAXLEY GA	220.2	PLN	DTVPLN	-DTVP1286
35	WLTZ	COLUMBUS GA	224.0	LIC	BLCDD	-20060627ABT
35	WLTZ	COLUMBUS GA	224.0	PLN	DTVPLN	-DTVP1287
35	960920YR	WARNER ROBINS GA	180.0	APP	BPCT	-19960920YR
35	970331SY	WARNER ROBINS GA	191.5	APP	BPCT	-19970331SY
43	WSWG	VALDOSTA GA	23.6	LIC	BLCDD	-20061109ACF
43	WSWG	VALDOSTA GA	23.6	PLN	DTVPLN	-DTVP1533
49	WTLH	BAINBRIDGE GA	72.9	PLN	DTVPLN	-DTVP1736
49	WTLH	BAINBRIDGE GA	72.9	CP	BPCT	-20061120ACH
27	WTXLDT	TALLAHASSEE FL	73.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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WTXL-DT, Tallahassee, FL, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	WTXLDT	TALLAHASSEE FL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WKRQ-TV	MOBILE AL	369.1	CP	BPCDT -20080317AIF
27	WKRQ-TV	MOBILE AL	369.1	PLN	DTVPLN -DTVP0985
27	WKRQ-TV	MOBILE AL	369.1	LIC	BLCDT -20050705AAO
27	WAIQ	MONTGOMERY AL	291.1	LIC	BLEDT -20060706ACK
27	WAIQ	MONTGOMERY AL	291.1	PLN	DTVPLN -DTVP0986
27	WRDQ	ORLANDO FL	365.8	CP	BPCDT -20080207ABE
27	WRDQ	ORLANDO FL	365.8	PLN	DTVPLN -DTVP0992
27	WAGA	ATLANTA GA	349.5	LIC	BLCDT -20060728AEL
27	WAGA	ATLANTA GA	349.5	PLN	DTVPLN -DTVP0995
28	WGFL	HIGH SPRINGS FL	177.0	LIC	BLCDT -20060714ABC
28	WGFL	HIGH SPRINGS FL	177.0	PLN	DTVPLN -DTVP1032

Total scenarios = 12

Result key: 93

Scenario 1 Affected station 14

Before Analysis

Results for: 27A FL TALLAHASSEE USERRECORD01 APP

HAAT 512.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	960742	43361.2
not affected by terrain losses	960475	43309.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1071	80.0
lost to ATV IX only	1071	80.0
lost to all IX	1071	80.0

Potential Interfering Stations Included in above Scenario 1

27A AL MOBILE	BPCDT	20080317AIF	CP
27A AL MONTGOMERY	BLEDT	20060706ACK	LIC
27A GA ATLANTA	BLCDT	20060728AEL	LIC

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