

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-08-2014 Time: 10:02:30

Record Selected for Analysis

WOFT USERRECORD-01 US
Channel 08 ERP 3. kW HAAT 341. m RCAMSL 00353 m FULL SERVICE MASK
Latitude 028-55-10 Longitude 0081-19-07
Status APP Zone 2 Border Site number: 01
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Service Class = LD

Maximum height/power limits not checked

| Site number 1 | | | |
|---------------|-------|-------|-------------------|
| Azimuth | ERP | HAAT | 48.0 dBu F(50,90) |
| (Deg) | (kW) | (m) | (km) |
| 0.0 | 3.000 | 332.8 | 64.179 |
| 45.0 | 3.000 | 333.5 | 64.232 |
| 90.0 | 3.000 | 334.0 | 64.263 |
| 135.0 | 3.000 | 348.1 | 65.349 |
| 180.0 | 3.000 | 342.5 | 64.913 |
| 225.0 | 3.000 | 346.5 | 65.222 |
| 270.0 | 3.000 | 341.9 | 64.869 |
| 315.0 | 3.000 | 347.3 | 65.286 |

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is 2.94km from AM station

ORANGE CITY FL NEW Status: Antenna: DAN

Start of Interference Analysis

| Channel | Proposed Station Call | City/State | ARN |
|---------|--------------------------|------------|--------------|
| 08 | WOFT | | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|-------------|--------------|
| 07 | WJCT | JACKSONVILLE FL | 153.3 | LIC | BLEDT | -20090617ACD |
| 07 | W07BP-D | OCALA FL | 84.4 | LIC | BLDVL | -20090407ABW |
| 07 | WFLA-TV | TAMPA FL | 151.2 | LIC | BLCDT | -20090612AAU |
| 08 | WXGA-TV | WAYCROSS GA | 282.9 | LIC | BLEDT | -20090612ACD |
| 09 | WNBW-DT | GAINESVILLE FL | 145.0 | LIC | BLCDT | -20090105AGT |
| 09 | WJKF-CA | JACKSONVILLE FL | 153.3 | LIC | BLTVL | -19961212JH |

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Analysis of Interference to Affected Station 1

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|-----------------|----------------------|
| 07 | WJCT | JACKSONVILLE FL | BLEDT -20090617ACD |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|----------------|----------|--------|---------------|--------------|
| 07 | WJHG-TV | PANAMA CITY FL | 369.1 | LIC | BLCDT | -20101025AAT |
| 07 | WFLA-TV | TAMPA FL | 279.3 | LIC | BLCDT | -20090612AAU |
| 07 | WMUM-TV | COCHRAN GA | 291.1 | LIC | BLEDT | -20080423AAM |
| 07 | WITV | CHARLESTON SC | 343.1 | LIC | BLEDT | -20090304ABI |
| 08 | WXGA-TV | WAYCROSS GA | 141.8 | LIC | BLEDT | -20090612ACD |
| 08 | WOFT | | 153.3 | 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. |
|---------|---------|------------|----------------------|
| 07 | W07BP-D | OCALA FL | BLDVL -20090407ABW |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|---------------|--------------|
| 07 | WJCT | JACKSONVILLE FL | 133.6 | LIC | BLEDT | -20090617ACD |
| 07 | WJHG-TV | PANAMA CITY FL | 345.6 | LIC | BLCDT | -20101025AAT |
| 07 | WFLA-TV | TAMPA FL | 149.5 | LIC | BLCDT | -20090612AAU |
| 07 | WMUM-TV | COCHRAN GA | 380.7 | LIC | BLEDT | -20080423AAM |
| 08 | WOFT-LD | OCALA FL | 48.9 | CP | BPDVL | -20120105ABG |
| 08 | WOFT-LD | OCALA FL | 10.8 | LIC | BLDVL | -20110525AAK |
| 08 | WOFT | | 84.4 | 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. |
|---------|---------|------------|-------------|--------------|
| 07 | WFLA-TV | TAMPA FL | BLCDT | -20090612AAU |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|---------|-----------------|----------|--------|---------------|--------------|
| 07 | WJCT | JACKSONVILLE FL | 279.3 | LIC | BLEDT | -20090617ACD |
| 07 | WSVN | MIAMI FL | 291.1 | LIC | BLCDT | -20110127ABO |
| 07 | WJHG-TV | PANAMA CITY FL | 420.1 | LIC | BLCDT | -20101025AAT |
| 08 | WOFT | | 151.2 | APP | USERRECORD-01 | |

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 7A FL TAMPA BLCDT 20090612AAU LIC

HAAT 465.0 m, ATV ERP 32.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 4492164 | 41557.9 |
| not affected by terrain losses | 4489640 | 41513.0 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 64256 | 1055.9 |
| lost to ATV IX only | 64256 | 1055.9 |
| lost to all IX | 64256 | 1055.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|--------------------|-------|-------------|-----|
| 7A FL JACKSONVILLE | BLEDT | 20090617ACD | LIC |
| 7A FL MIAMI | BLCDT | 20110127ABO | LIC |

After Analysis

Results for: 7A FL TAMPA BLCDT 20090612AAU LIC

HAAT 465.0 m, ATV ERP 32.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 4492164 | 41557.9 |
| not affected by terrain losses | 4489640 | 41513.0 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 65976 | 1056.9 |
| lost to ATV IX only | 65976 | 1056.9 |
| lost to all IX | 65976 | 1056.9 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|--------------------|--------------|-------------|-----|
| 7A FL JACKSONVILLE | BLEDT | 20090617ACD | LIC |
| 7A FL MIAMI | BLCDT | 20110127ABO | LIC |
| 8A | USERRECORD01 | | APP |

Percent new IX = 0.0389%

Worst case new IX 0.0389% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

| | | | |
|---------|---------|-------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 08 | WXGA-TV | WAYCROSS GA | BLEDT -20090612ACD |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-----------------|----------|--------|----------------------|
| 07 | WJCT | JACKSONVILLE FL | 141.8 | LIC | BLEDT -20090617ACD |
| 07 | WMUM-TV | COCHRAN GA | 152.9 | LIC | BLEDT -20080423AAM |
| 08 | WGTW | ATHENS GA | 322.7 | LIC | BLEDT -20090612ACE |
| 08 | WACS-TV | DAWSON GA | 203.8 | LIC | BLEDT -20080516AAO |
| 08 | WOLO-TV | COLUMBIA SC | 363.5 | LIC | BLCDDT -20100614AIP |
| 09 | WNBW-DT | GAINESVILLE FL | 176.9 | LIC | BLCDDT -20090105AGT |
| 09 | WVAN-TV | SAVANNAH GA | 136.9 | LIC | BLEDT -20090612AGH |
| 08 | WOFT | | 282.9 | APP | USERRECORD-01 |

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 4
Before Analysis

Results for: 8A GA WAYCROSS BLEDT 20090612ACD LIC

HAAT 308.0 m, ATV ERP 35.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 523837 | 33230.1 |
| not affected by terrain losses | 521872 | 32949.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 28139 | 1010.1 |
| lost to ATV IX only | 28139 | 1010.1 |
| lost to all IX | 28139 | 1010.1 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|--------------------|--------|-------------|-----|
| 7A FL JACKSONVILLE | BLEDT | 20090617ACD | LIC |
| 7A GA COCHRAN | BLEDT | 20080423AAM | LIC |
| 8A GA ATHENS | BLEDT | 20090612ACE | LIC |
| 8A GA DAWSON | BLEDT | 20080516AAO | LIC |
| 8A SC COLUMBIA | BLCDDT | 20100614AIP | LIC |
| 9A GA SAVANNAH | BLEDT | 20090612AGH | LIC |

After Analysis

Results for: 8A GA WAYCROSS BLEDT 20090612ACD LIC

HAAT 308.0 m, ATV ERP 35.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 523837 | 33230.1 |
| not affected by terrain losses | 521872 | 32949.6 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 28139 | 1012.1 |
| lost to ATV IX only | 28139 | 1012.1 |
| lost to all IX | 28139 | 1012.1 |

Potential Interfering Stations Included in above Scenario 1

| | | | |
|--------------------|--------------|-------------|-----|
| 7A FL JACKSONVILLE | BLEDT | 20090617ACD | LIC |
| 7A GA COCHRAN | BLEDT | 20080423AAM | LIC |
| 8A GA ATHENS | BLEDT | 20090612ACE | LIC |
| 8A GA DAWSON | BLEDT | 20080516AAO | LIC |
| 8A SC COLUMBIA | BLCDDT | 20100614AIP | LIC |
| 9A GA SAVANNAH | BLEDT | 20090612AGH | LIC |
| 8A | USERRECORD01 | | APP |

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 5

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|----------------|----------------------|
| 09 | WNBW-DT | GAINESVILLE FL | BLCDT -20090105AGT |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------|----------|--------|----------------------|
| 08 | WXGA-TV | WAYCROSS GA | 176.9 | LIC | BLEDT -20090612ACD |
| 09 | WPGX | PANAMA CITY FL | 297.3 | LIC | BLCDT -20111122EBL |
| 09 | WVAN-TV | SAVANNAH GA | 294.2 | LIC | BLEDT -20090612AGH |
| 10 | WJXX | ORANGE PARK FL | 121.5 | LIC | BLCDT -20090702AAK |
| 10 | WTSP | ST. PETERSBURG FL | 203.5 | LIC | BLCDT -20111014AAZ |
| 10 | WALB | ALBANY GA | 225.8 | LIC | BLCDT -20090622AAW |
| 08 | WOFT | | 145.0 | APP | USERRECORD-01 |

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|-----------------|----------------------|
| 09 | WJKF-CA | JACKSONVILLE FL | BLTVL -19961212JH |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|----------------|----------|--------|----------------------|
| 09 | WNBW-DT | GAINESVILLE FL | 120.7 | LIC | BLCDT -20090105AGT |
| 09 | WPGX | PANAMA CITY FL | 380.4 | LIC | BLCDT -20111122EBL |
| 09 | WVAN-TV | SAVANNAH GA | 207.4 | LIC | BLEDT -20090612AGH |
| 10 | WJXX | ORANGE PARK FL | 1.9 | LIC | BLCDT -20090702AAK |
| 08 | WOFT | | 153.3 | APP | USERRECORD-01 |

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|------|------------|----------------------|
| 08 | WOFT | | USERRECORD-01 |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------|----------|--------|----------------------|
| 07 | W07BP-D | OCALA FL | 84.4 | LIC | BLDVL -20090407ABW |
| 08 | WXGA-TV | WAYCROSS GA | 282.9 | LIC | BLEDT -20090612ACD |

Total scenarios = 1

Result key: 3
Scenario 1 Affected station 7

| | | | |
|--------------------------------|------------------|--------------|-----|
| Results for: | 8A | USERRECORD01 | APP |
| HAAT | 341.0 m, ATV ERP | 3.0 kW | |
| | POPULATION | AREA (sq km) | |
| within Noise Limited Contour | 2023816 | 13195.1 | |
| not affected by terrain losses | 2023816 | 13195.1 | |
| lost to NTSC IX | 0 | 0.0 | |
| lost to additional IX by ATV | 0 | 0.0 | |
| lost to ATV IX only | 0 | 0.0 | |
| lost to all IX | 0 | 0.0 | |

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED