

# FIGURE 3 - FCC TVSTUDY SUMMARY REPORT

Proposal: W31FE-D D31 LD APP Savannah, GA  
 File number: W31FE MOD CP  
 Facility ID: 129370  
 Station data: User record  
 Record ID: 718  
 Country: U.S.

Build options:  
 Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

| IX  | Call    | Chan | Svc | Status | City, State              | File Number      | Distance |
|-----|---------|------|-----|--------|--------------------------|------------------|----------|
| No  | W30EE-D | D30  | LD  | LIC    | JACKSONVILLE, FL         | BLANK0000090922  | 183.5 km |
| No  | WAGT-CD | D30  | DC  | LIC    | AUGUSTA, GA              | BLANK0000063630  | 168.7    |
| No  | W30FA-D | D30  | LD  | LIC    | HOMERVILLE, GA           | BLANK0000220956  | 177.6    |
| No  | WMGT-TV | D30  | DT  | LIC    | MACON, GA                | BLANK0000075816  | 228.7    |
| No  | WLOW-LD | D30  | LD  | CP     | Charleston, SC           | BLANK0000157610  | 162.2    |
| No  | WLOW-LD | D30  | LD  | LIC    | Charleston, SC           | BLANK0000207324  | 162.2    |
| No  | WLOW-LD | D30  | LD  | LIC    | Charleston, SC           | BLANK0000118486  | 136.7    |
| No  | W30CV-D | D30  | DC  | LIC    | HILTON HEAD ISLAND, SC   | BLANK0000194091  | 53.5     |
| No  | WODH-LD | D31  | LD  | LIC    | Jacksonville, FL         | BLANK0000108060  | 187.6    |
| No  | WOGX    | D31  | DT  | LIC    | OCALA, FL                | BLCDT20020730ABS | 303.8    |
| No  | WTMO-CD | D31  | DC  | LIC    | ORLANDO, FL              | BLDTA20110815ACQ | 372.0    |
| No  | WPCB-TV | D31  | DT  | LIC    | ATLANTA, GA              | BLANK0000152274  | 349.3    |
| No  | W31EU-D | D31  | LD  | LIC    | COLUMBUS, GA             | BLANK0000177389  | 372.2    |
| No  | WSWG    | D31  | DT  | LIC    | VALDOSTA, GA             | BLANK0000063722  | 212.3    |
| No  | WMUB-LD | D31  | LD  | LIC    | WARNER ROBINS, GA        | BLANK0000135124  | 228.9    |
| No  | WGHP    | D31  | DT  | LIC    | HIGH POINT, NC           | BLANK0000158670  | 450.4    |
| No  | WTWL-LD | D31  | LD  | LIC    | WILMINGTON, NC           | BLANK0000213612  | 401.1    |
| Yes | W31FD-D | D31  | LD  | LIC    | Bluffton-Hilton Head, SC | BLANK0000197981  | 74.0     |
| No  | WFDY-LD | D31  | LD  | LIC    | MYRTLE BEACH, SC         | BLANK0000163451  | 280.3    |
| No  | WJNI-LD | D31  | LD  | LIC    | NORTH CHARLESTON, SC     | BLDTL20100916ADG | 157.6    |
| No  | W31DY-D | D31  | LD  | LIC    | PICKENS, SC              | BLANK0000119379  | 347.4    |
| No  | WKTC    | D31  | DT  | LIC    | SUMTER, SC               | BLANK0000093003  | 246.2    |
| No  | W50CO   | D32- | LD  | CP     | JACKSONVILLE, FL         | BLANK0000149468  | 187.6    |
| No  | W32FK-D | D32  | LD  | APP    | VALDOSTA, GA             | BLANK0000202093  | 200.8    |
| No  | WJWJ-TV | D32  | DT  | LIC    | BEAUFORT, SC             | BLANK0000100564  | 103.6    |
| No  | WSCG-LD | N32+ | TX  | LIC    | BEAUFORT, ETC., SC       | BLTT19970401JB   | 74.1     |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D31  
 Mask: Full Service  
 Latitude: 31 57 3.40 N (NAD83)  
 Longitude: 81 19 10.10 W  
 Height AMSL: 88.9 m  
 HAAT: 0.0 m  
 Peak ERP: 15.0 kW  
 Antenna: PSI PSILP120I (ID 1009547) 198.0 deg  
 Elev Patrn: Generic  
 Elec Tilt: 0.75

50.4 dBu contour:

| Azimuth | ERP     | HAAT   | Distance |
|---------|---------|--------|----------|
| 0.0 deg | 6.57 kW | 85.5 m | 37.5 km  |
| 45.0    | 6.26    | 86.5   | 37.4     |
| 90.0    | 5.65    | 87.7   | 37.0     |
| 135.0   | 9.65    | 85.6   | 39.4     |
| 180.0   | 14.5    | 85.1   | 41.3     |
| 225.0   | 13.8    | 85.0   | 41.1     |
| 270.0   | 8.44    | 83.5   | 38.5     |
| 315.0   | 5.45    | 84.9   | 36.5     |

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 85 m

Distance to Canadian border: 1085.2 km  
Distance to Mexican border: 1654.3 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 304.7 degrees    Distance: 382.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 299.7 degrees    Distance: 2323.2 km

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

Proposal causes 0.64% interference to BLANK0000197981 LIC scenario 1

---- Below is IX received by proposal W31FE MOD CP ----

Proposal receives 6.16% interference from scenario 1

No IX check failures found.