

**FIGURE 3 - FCC TVSTUDY SUMMARY REPORT**  
**W31FE MINOR CHANGE APPLICATION**

Study build station data: LMS TV 2022-05-02

Proposal: W31FE-D D31 LD APP Savannah, GA  
 File number: W31FE SAVANNAH  
 Facility ID: 129370  
 Station data: User record  
 Record ID: 611  
 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	W30FA-D	D30	LD	CP	JASPER, FL	BLANK0000156358	227.4
No	WAGT-CD	D30	DC	LIC	AUGUSTA, GA	BLANK0000063630	168.7
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	BLANK0000118486	136.7
No	W30CV-D	D30	DC	CP	HILTON HEAD ISLAND, SC	BLANK0000127486	53.5
No	W30CV-D	D30	DC	LIC	HILTON HEAD ISLAND, SC	BLDTL20110110AAR	57.1
No	WODH-LD	D31	LD	LIC	Jacksonville, FL	BLANK0000108060	187.6
No	K31PL-D	D31	LD	CP	MADISON, FL	BNPDTL20090825AHL	272.2
No	WOGX	D31	DT	LIC	OCALA, FL	BLCDT20020730ABS	303.8
No	WTMO-CD	D31	DC	LIC	ORLANDO, FL	BLDTA20110815ACQ	372.0
No	WPCH-TV	D31	DT	LIC	ATLANTA, GA	BLANK0000152274	349.3
No	WSB-TV	D31	LD	LIC	ATLANTA, GA	BLCDT20100429ADZ	318.2
No	W31EU-D	D31	LD	LIC	COLUMBUS, GA	BLANK0000177389	372.2
No	WSWG	D31	DT	LIC	VALDOSTA, GA	BLANK0000063722	212.3
No	WSWG	D31	DT	APP	VALDOSTA, GA	BLANK0000149841	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	W31DR-D	D31	LD	LIC	WILMINGTON, NC	BLANK0000179362	379.3
Yes	W31FD-D	D31	LD	LIC	BEAUFORT, SC	BLANK0000157739	55.2
Yes	W31FD-D	D31	LD	CP	BEAUFORT, SC	BLANK0000157869	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	W44DD-D	D32	LD	CP	VALDOSTA, GA	BLANK0000071821	212.3
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: 77.4 m  
 HAAT: 0.0 m  
 Peak ERP: 6.75 kW  
 Antenna: PSI-PSILP160I (ID 20399) 28.0 deg  
 Elev Pattn: Generic  
 Elec Tilt: 0.75

50.4 dBu contour:  
 Azimuth ERP HAAT Distance

0.0 deg	6.17 kW	74.0 m	35.5 km
45.0	6.56	75.0	36.0
90.0	4.41	76.2	34.2
135.0	2.56	74.1	31.2
180.0	2.80	73.6	31.6
225.0	2.97	73.5	31.8
270.0	2.45	72.0	30.7
315.0	3.75	73.4	33.0

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m    Computed HAAT: 74 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 1.55% interference to BLANK0000157739 LIC scenario 1  
 Proposal causes 0.55% interference to BLANK0000157869 CP scenario 2

---- Below is IX received by proposal W31FE SAVANNAH ----

Proposal receives 6.85% interference from scenario 2

No IX check failures found.