Study created: 2018.09.07 11:49:19

Study build station data: LMS TV 2018-09-05

```
    Proposal: WBIF D26 DT CP MARIANNA, FL
 File number: BLANK0000031512
 Facility ID: 81594
Station data: User record
   Record ID: 1988
     Country: U.S.
        Zone: III
```

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WAKA	D25	DT	CP	SELMA, AL	BLANK0000034432	230.6 km
No	WAKA	D25	DT	BL	SELMA, AL	DTVBL701	230.6
No	WAWD	D25	DT	CP	FORT WALTON BEACH, FL	BLANK0000034185	139.2
No	WAWD	D25	DT	BL	FORT WALTON BEACH, FL	DTVBL54938	139.2
No	WTJP-TV	D26	DT	LIC	GADSDEN, AL	BLCDT20110304ACB	388.2
No	WKMG-TV	D26	DT	APP	ORLANDO, FL	BLANK0000035777	467.4
No	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLCDT20090618ABB	467.4
No	WYBU-CD	D26	DC	CP	COLUMBUS, GA	BLANK0000025321	228.5
No	WYBU-CD	D26	DC	BL	COLUMBUS, GA	DTVBL17544	228.5
No	WGXA	D26	DT	CP	MACON, GA	BLANK0000034372	311.6
No	WGXA	D26	DT	BL	MACON, GA	DTVBL58262	311.6
No	WGNO	D26	DT	LIC	NEW ORLEANS, LA	BLCDT20121019AAK	439.8
No	WTGS	D26	DT	CP	HARDEEVILLE, SC	BLANK0000027450	426.6
No	WTGS	D26	DT	BL	HARDEEVILLE, SC	DTVBL27245	426.6
No	WFNA	D27	DT	CP	GULF SHORES, AL	BLANK0000034857	233.0
No	WFNA	D27	DT	BL	GULF SHORES, AL	DTVBL83943	229.9
No	WAIQ	D27	DT	LIC	MONTGOMERY, AL	BLEDT20060706ACK	232.1
Yes	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL	BLCDT20090217ABY	140.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D26
   Latitude:  30 26  0.00 N (NAD83)
  Longitude:  85 24 51.00 W
Height AMSL: 316.0 m
       HAAT: 254.0 m
   Peak ERP: 30.0 kW
```

Antenna: SWR-SWLP8OI (ID 24202) 220.0 deg
Elev Pattrn: Generic
Elec Tilt: 0.70

40.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	11.5 kW	259.3 m	65.0 km
45.0	13.5	261.6	66.0
90.0	10.8	272.1	65.5
135.0	14.1	284.0	67.7
180.0	24.8	291.6	71.2
225.0	30.0	291.1	72.2
270.0	22.7	284.6	70.2
315.0	12.5	272.2	66.3

Database HAAT does not agree with computed HAAT
Database HAAT: 254 m Computed HAAT: 277 m

Distance to Canadian border: 1273.4 km

Distance to Mexican border: 1230.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 9.5 degrees Distance: 386.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 306.4 degrees Distance: 2088.1 km

Study cell size: 2.00 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%

No IX check failures found.