Study created: 2021.02.03 07:11:06

Study build station data: LMS TV 2021-01-28

Proposal: WQFT-LD D18 LD LIC OCALA, FL
File number: BLANK0000022525
Facility ID: 185537
Station data: User record
Record ID: 461
Country: U.S.

Stations potentially affected by proposal:

| IX | Call | Chan | Svc | Status | City, State | File Number | Distance |
|---|---|---|---|---|---|---|---|
| No | WVCI-LP | N16+ | TX | LIC | ORLANDO, FL | BLTTL20030522AGC | 67.8 km |
| No | WPXB-LD | D17 | LD | CP | DAYTONA BEACH, FL | BLANK0000072059 | 94.2 |
| No | WJVF-LD | D17 | LD | APP | Jacksonville, FL | BLANK0000131804 | 165.5 |
| No | WFXU | D17 | DT | LIC | LIVE OAK, FL | BLANK0000112143 | 210.6 |
| No | W17EL-D | D17 | LD | CP | OCALA, FL | BNPDTL20090825AMY | 62.7 |
| No | WHRT-LD | D17z | LD | APP | SEBRING, ETC., FL | BLANK0000013279 | 163.0 |
| Yes | WFTS-TV | D17 | DT | LIC | TAMPA, FL | BLANK0000125994 | 113.7 |
| Yes | WESH | D18 | LD | LIC | DAYTONA BEACH, FL | BLANK0000121420 | 72.3 |
| No | WTCE-TV | D18 | DT | LIC | FORT PIERCE, FL | BLANK0000072132 | 273.7 |
| Yes | W18FA-D | D18 | LD | CP | GAINESVILLE, FL | BNPDTL20090825AOI | 79.7 |
| Yes | WJXT | D18 | DT | LIC | JACKSONVILLE, FL | BLANK0000097950 | 165.5 |
| Yes | WMOR-TV | D18 | DT | LIC | LAKELAND, FL | BLANK0000125736 | 116.2 |
| No | W18EI-D | D18 | LD | CP | MARIANNA, FL | BNPDTL20090825AWL | 376.7 |
| No | WTXI-LD | D18 | LD | CP | MIAMI, FL | BLANK0000068071 | 367.2 |
| No | W18EU-D | D18 | LD | LIC | MIAMI, FL | BLANK0000121925 | 367.2 |
| No | NEW | D18 | LD | APP | MONTICELLO, FL | BNPDTL20090825BMH | 259.4 |
| No | WUVF-LD | D18 | LD | LIC | NAPLES, FL | BLANK0000120837 | 280.7 |
| No | NEW | D18 | LD | APP | QUINCY, FL | BNPDTL20090825AMN | 309.0 |
| No | W18EA-D | D18 | LD | CP | SEBASTIAN, FL | BNPDTL20100402ACV | 197.7 |
| No | NEW | D18 | LD | APP | TALLAHASSEE, FL | BNPDTL20090825ALY | 282.5 |
| No | WUEE-LD | D18 | LD | CP | ALBANY, GA | BLANK0000013290 | 351.0 |
| No | W18ED-D | D18 | LD | CP | CHULA, GA | BNPDTL20100510ABF | 332.1 |
| No | WUET-LD | D18 | LD | LIC | SAVANNAH, GA | BLANK0000106517 | 367.7 |
| No | WESH | D19 | LD | LIC | DAYTONA BEACH, FL | BLANK0000074849 | 43.4 |
| No | NEW | D19 | LD | CP | GAINESVILLE, FL | BNPDTL20090825ANR | 79.7 |
| No | WJAX-TV | D19 | DT | LIC | JACKSONVILLE, FL | BLCDT20030328ANV | 165.9 |
| No | W32DJ-D | D19 | LD | CP | MELBOURNE, FL | BLANK0000052050 | 153.7 |
| No | WFTV | D19 | LD | LIC | ORLANDO, FL | BLANK0000108207 | 95.9 |
| No | WTOG | D19 | DT | CP | ST. PETERSBURG, FL | BLANK0000112762 | 113.2 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| No | WMMF-LP | D19+ | LD | CP | VERO BEACH, FL | BLANK0000069146 | 218.8 |
| No | WTLH | D19 | DT | LIC | BAINBRIDGE, GA | BLANK0000119592 | 275.3 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D18
       Mask: Full Service
   Latitude:  28 50 56.00 N (NAD83)
  Longitude:  82  3  8.00 W
Height AMSL: 110.0 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: Rymsa-60 0.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.75
```

49.1 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---|---|---|---|
| 0.0 deg | 15.0 kW | 86.3 m | 43.1 km |
| 45.0 | 6.73 | 89.6 | 39.6 |
| 90.0 | 0.384 | 84.3 | 24.4 |
| 135.0 | 0.002 | 85.8 | 6.3 |
| 180.0 | 0.002 | 89.3 | 6.4 |
| 225.0 | 0.002 | 96.1 | 6.7 |
| 270.0 | 0.384 | 96.0 | 25.8 |
| 315.0 | 6.73 | 87.1 | 39.3 |

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m  Computed HAAT: 89 m

Distance to Canadian border: 1426.1 km

Distance to Mexican border: 1500.7 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 134.5 degrees  Distance: 195.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 306.8 degrees  Distance: 2453.9 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 1.00 km
Profile point spacing: 0.10 km

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

---- Below is IX received by proposal BLANK0000022525 ----

Proposal receives 17.10% interference from scenario 1
No IX check failures found.