Study created: 2018.07.03 17:41:48

Study build station data: LMS TV 2018-07-01 (79)

Proposal: WUJX-LD D15 LD APP JACKSONVILLE, FL
File number: BLANK0000051691
Facility ID: 168480
Station data: User record
Record ID: 1891
Country: U.S.

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WDYB-CD	D14	DC	LIC	DAYTONA BEACH, FL	BLDTL20121011AAE	148.6 km
No	WTBZ-LP	D14z	LD	APP	GAINESVILLE, FL	BLANK0000054883	134.6
No	WFOX-TV	D14	DT	CP	JACKSONVILLE, FL	BLANK0000034616	0.0
No	WFOX-TV	D14	DT	BL	JACKSONVILLE, FL	DTVBL11909	0.0
No	WOPX-TV	D14	DT	CP	MELBOURNE, FL	BLANK0000034352	246.4
No	WOPX-TV	D14	DT	BL	MELBOURNE, FL	DTVBL67602	246.9
Yes	WOTF-TV	D15	DT	CP	DAYTONA BEACH, FL	BLANK0000028373	153.3
Yes	WOTF-TV	D15	DT	CP	DAYTONA BEACH, FL	BLANK0000034458	153.3
Yes	WOTF-TV	D15	DT	BL	DAYTONA BEACH, FL	DTVBL131	153.3
No	WBBH-TV	D15	DT	LIC	FORT MYERS, FL	BLCDT20030620AAA	384.8
No	WNFT-LD	D15	LD	LIC	GAINESVILLE, FL	BLDTL20110714ACG	120.7
No	WKME-CD	D15	DC	LIC	KISSIMMEE, FL	BLANK0000004305	213.5
No	WZRA-CD	D15	DC	CP	OLDSMAR, FL	BLANK0000024820	251.3
No	WZRA-CD	D15	DC	BL	OLDSMAR, FL	DTVBL2130	251.3
No	W15CM-D	D15	LD	LIC	ORIENT CITY, FL	BLDTL20100625AAA	267.1
No	WSFD-LD	D15	LD	LIC	PERRY, FL	BLDTL20130226AAB	195.3
No	WSLF-LD	D15	LD	APP	PORT ST. LUCIE, FL	BLANK0000051784	413.1
No	WDDZ-LD	D15	LD	CP	AUGUSTA, GA	BLANK0000036283	342.0
No	WRBL	D15	DT	LIC	COLUMBUS, GA	BLCDT20061013ABV	380.8
No	W15DG-D	D15	LD	CP	LENOX, GA	BNPDTL20100510ABH	215.8
No	WPHJ-LP	D15+	LD	APP	VIDALIA, GA	BLANK0000054747	231.6
No	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	430.9
No	WLTX	D15	DT	BL	COLUMBIA, SC	DTVBL37176	430.9
No	WCYD-LD	D15	LD	CP	MYRTLE BEACH, SC	BLANK0000036537	386.5
Yes	WCJB-TV	D16	DT	LIC	GAINESVILLE, FL	BLCDT20071119AJB	115.0
No	WVCI-LP	D16	LD	CP	ORLANDO, FL	BDFCDTL20140717AAO	188.2
No	WRCF-CD	D16	DC	CP	ORLANDO, FL	BLANK0000034010	194.1
No	WRCF-CD	D16	DC	BL	ORLANDO, FL	DTVBL10549	193.1

No WSAV-TV D16 DT LIC SAVANNAH, GA BLANK0000055021 199.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D15
       Mask: Full Service
   Latitude:  30 16 51.90 N (NAD83)
  Longitude:  81 34 12.20 W
Height AMSL: 256.4 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: ANT-ACS12E (ID 17717) 290.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.75
```

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.21 kW	249.4 m	52.0 km
45.0	4.54	247.4	48.9
90.0	4.70	248.9	49.1
135.0	4.62	247.2	49.0
180.0	4.70	250.6	49.2
225.0	8.89	254.5	52.7
270.0	14.4	252.7	55.1
315.0	13.8	251.9	54.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 250 m

Distance to Canadian border: 1268.8 km

Distance to Mexican border: 1577.7 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 162.8 degrees Distance: 310.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 303.5 degrees Distance: 2400.3 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

Study cell size: 0.50 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.