

Study created: 2017.10.31 20:57:53

Study build station data: LMS TV 2017-10-27 (57)

Proposal: WJAN-CD D33 DC CP MIAMI, FL
File number: Proposed
Facility ID: 60165
Station data: User record
Record ID: 2223
Country: U.S.

Build options:
Protect LPTV records from Class A

Search options:
Non-U.S. records included
Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WBFS-TV	D32	DT	LIC	MIAMI, FL	BLCDT20130909AAU	53.6 km
WTXI-LD	D33	LD	LIC	MIAMI, FL	BLDTL20140121ACO	56.7
WRXY-TV	D33	DT	LIC	TICE, FL	BLCDT20060627ABA	191.6
WVFW-LD	D34	LD	LIC	MIAMI, FL	BLDTL20100611AIE	58.3
WHDT	D34	DT	CP	STUART, FL	BLANK0000028893	117.2
WHDT	D34	DT	BL	STUART, FL	DTVBL83929	117.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D33
Mask: Full Service
Latitude: 25 32 25.40 N (NAD83)
Longitude: 80 28 6.20 W
Height AMSL: 509.6 m
HAAT: 507.6 m
Peak ERP: 15.0 kW
Antenna: Dielectric DLP-8B 30.0 deg
Elev Pattn: Generic
Elec Tilt: 1.5

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.6 kW	507.6 m	64.6 km
45.0	14.6	506.8	65.0
90.0	10.3	507.4	62.8
135.0	6.20	508.2	59.8
180.0	6.57	508.2	60.2
225.0	7.01	507.7	60.5
270.0	5.90	507.6	59.5
315.0	8.52	507.6	61.7

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1802.3 km

Distance to Mexican border: 1647.0 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 355.9 degrees Distance: 230.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 311.4 degrees Distance: 2807.5 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%

**IX check failure, 29.26% interference to BLDTL20140121ACO LIC, scenario 1

Proposal receives 1.11% interference from scenario 1

Proposal receives 1.11% interference from scenario 2

It is acknowledged that 29.26% IX is caused to LPTV Station WTXI-LD having FCC

File No.: BLDTL20140121ACO ;however, it is believed that WIXI is displaced,

because it is co-channel and in close proximity to the post-transition assigned

WJAN facility.