

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Sand6d500wSAM310T, Model: Longley-Rice

Start: 2023.09.25 16:29:27

Study created: 2023.09.25 16:29:27

Study build station data: LMS TV 2023-09-22

Proposal: W06DI-D D6 LD APP SANDERSON, FL

Facility ID: 186187

Station data: User record

Record ID: 1826

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	WRUF-LD	D5	LD	LIC	GAINESVILLE, FL	BLDVL20100721FSQ	59.7 km
No	WDTO-LD	D5	LD	LIC	ORLANDO, FL	BLANK0000143440	219.1
No	WATV-LD	D6	LD	LIC	ORLANDO, FL	BLANK0000116697	218.2
No	WHDY-LD	D6	LD	LIC	PANAMA CITY, FL	BLANK0000179328	325.6
No	WHDY-LD	N6+	TX	LIC	PANAMA CITY, FL	BLTVL20070502AGY	325.6
No	WVWW-LD	D6	LD	APP	Vero Beach, FL	BLANK0000071852	347.2
No	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	199.3
No	WCES-TV	D6	DT	LIC	WRENS, GA	BLANK0000016506	335.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D6

Mask: Stringent

Latitude: 30 14 24.00 N (NAD83)

Longitude: 82 17 53.00 W
Height AMSL: 58.0 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.500 kW
Antenna: SAMCO-SAM-137 (ID 1009391) 310.0 deg
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.051 kW	17.4 m	12.8 km
45.0	0.000	20.4	3.9
90.0	0.005	20.6	7.1
135.0	0.009	19.6	8.4
180.0	0.004	17.1	6.8
225.0	0.000	14.5	3.9
270.0	0.198	9.2	17.9
315.0	0.485	14.5	22.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 17 m

Distance to Canadian border: 1271.2 km

Distance to Mexican border: 1508.9 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 150.7 degrees Distance: 334.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 304.1 degrees Distance: 2344.7 km

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

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

