

Study created: 2021.09.16 14:21:37

Study build station data: LMS TV 2021-09-03

Proposal: WKWT-LD D2+ LD APP KEY WEST, FL
File number: BLANK0000158155
Facility ID: 125824
Station data: User record
Record ID: 1315
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSBS-TV	D3	DT	LIC	KEY WEST, FL	BLCDT20051031AAH	112.4 km
No	W43CB-D	D3	LD	CP	Miami, FL	BLANK0000136332	110.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D2+
Mask: Full Service
Latitude: 24 51 7.00 N (NAD83)
Longitude: 80 44 13.00 W
Height AMSL: 16.0 m
HAAT: 0.0 m
Peak ERP: 2.50 kW
Antenna: SCA-HDCA-10-2 (ID 20794) 240.0 deg
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.025 kW	16.0 m	10.8 km
45.0	0.078	16.0	14.2
90.0	0.060	16.0	13.3
135.0	0.003	16.0	6.1
180.0	0.006	16.0	7.6
225.0	1.93	16.0	28.9
270.0	0.870	16.0	24.9
315.0	0.001	16.0	4.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 16 m

Distance to Canadian border: 1876.3 km

Distance to Mexican border: 1628.9 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 1.9 degrees Distance: 306.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 312.7 degrees Distance: 2838.6 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%

No IX check failures found.