

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: PanamaCity6d3kWFlashF, Model: Longley-Rice

Start: 2021.07.06 08:58:12

Study created: 2021.07.06 08:58:11

Study build station data: LMS TV 2021-07-06

Proposal: WHDY-LP D6 LD APP PANAMA CITY, FL

Facility ID: 130063

Station data: User record

Record ID: 435

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	WVUA	D6	DT	LIC	TUSCALOOSA, AL	BLCDT20090612AHT	366.2 km
No	W06DI-D	D6	LD	CP	JASPER, FL	BLANK0000150690	266.4
No	WTBS-LP	D6-	LD	CP	ATLANTA, GA	BLANK0000143152	399.9
No	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	176.0
No	WCES-TV	D6	DT	LIC	WRENS, GA	BLANK0000016506	457.7

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: Full Service

Latitude: 30 19 41.60 N (NAD83)

Longitude: 85 41 21.80 W

Height AMSL: 26.0 m (Adjusted based on actual ground elevation calculation)

HAAT: 0.0 m

Peak ERP: 3.00 kW  
Antenna: SCA-CL-46HR (ID 20784) 190.0 deg  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.006 kW	2.1 m	7.5 km
45.0	0.001	2.4	5.0
90.0	0.000	17.9	3.5
135.0	0.139	20.2	16.3
180.0	2.65	23.3	30.6
225.0	0.924	24.6	25.2
270.0	0.000	17.1	3.5
315.0	0.000	6.0	3.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 14 m

Distance to Canadian border: 1289.8 km

Distance to Mexican border: 1201.8 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 12.8 degrees    Distance: 403.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 306.9 degrees    Distance: 2073.9 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%

Desired:	Call WHDY-LP	Chan D6	Svc LD	Status APP	City, State PANAMA CITY, FL	File Number	Distance
Undesireds:	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	176.0 km
	Service area			Terrain-limited		IX-free	Percent IX
	763.5 127,432			757.5 127,214	746.4 127,191	1.45	0.02
Undesired				Total IX	Unique IX	Prcnt Unique IX	
WABW-TV	D6 DT LIC			11.0 23	11.0 23	1.45	0.02