

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: Jasper06d0.5kwincSam137at20fC1, Model: Longley-Rice
Start: 2022.08.16 07:23:33

Study created: 2022.08.16 07:23:33

Study build station data: LMS TV 2022-08-16

Proposal: W06DI-D D6 LD LIC JASPER, FL
Facility ID: 186187
Station data: User record
Record ID: 2332
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	61.2 km
No	WATV-LD	D6	LD	LIC	ORLANDO, FL	BLANK00000116697	235.7
No	WHDY-LD	D6	LD	LIC	PANAMA CITY, FL	BLANK00000179328	293.1
No	WHDY-LD	N6+	TX	LIC	PANAMA CITY, FL	BLTVL20070502AGY	293.1
No	WVWW-LD	D6	LD	APP	Vero Beach, FL	BLANK00000071852	364.1
No	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK00000016505	173.3
No	WCES-TV	D6	DT	LIC	WRENS, GA	BLANK00000016506	339.7

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 13 4.00 N (NAD83)
Longitude: 82 38 19.00 W
Height AMSL: 63.2 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.500 kW

Antenna: SAMCO-SAM-137 (ID 1009391) 20.0 deg
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.396 kW	24.2 m	21.1 km
45.0	0.312	21.5	20.0
90.0	0.004	12.4	6.8
135.0	0.002	10.7	5.3
180.0	0.008	26.4	8.2
225.0	0.008	26.4	8.0
270.0	0.001	22.6	5.0
315.0	0.011	27.9	8.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 22 m

Distance to Canadian border: 1273.7 km

Distance to Mexican border: 1476.7 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 145.6 degrees Distance: 349.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 304.4 degrees Distance: 2319.1 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

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Interference to proposal scenario 1
4.88% interference received

Desired:	Call W06DI-D	Chan D6	Svc LD	Status LIC	City, State JASPER, FL	File Number	Distance
Undesireds:	WHDY-LD	D6	LD	LIC	PANAMA CITY, FL	BLANK00000179328	293.1 km
	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK00000016505	173.3
	Service area			Terrain-limited		IX-free	Percent IX
	450.4 21,884	443.4		20,928	436.4	19,906	1.58 4.88
Undesired				Total IX		Unique IX	Prcnt Unique IX
WABW-TV D6 DT LIC		7.0		1,022	7.0	1,022	1.58 4.88