

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Jasper6d3kwCL26at90T, Model: Longley-Rice

Start: 2021.06.22 14:40:53

Study created: 2021.06.22 14:40:53

Study build station data: LMS TV 2021-06-21

Proposal: W42EH-D D6 LD APP JASPER, FL

Facility ID: 186187

Station data: User record

Record ID: 287

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	93.9 km
No	WATV-LD	D6	LD	LIC	ORLANDO, FL	BLANK0000116697	270.4
No	WHDY-LP	N6+	TX	APP	PANAMA CITY, FL	BLANK0000140162	276.7
No	WHDY-LP	N6+	TX	LIC	PANAMA CITY, FL	BLTVL20070502AGY	266.4
No	W30EP-D	D6	LD	APP	Vero Beach, FL	BLANK0000071852	398.5
No	WTBS-LP	D6-	LD	CP	ATLANTA, GA	BLANK0000143152	393.3
Yes	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	138.5
No	WCES-TV	D6	DT	LIC	WRENS, GA	BLANK0000016506	320.5

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 25 32.00 N (NAD83)

Longitude: 82 54 47.00 W
Height AMSL: 55.0 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: SCA-CL26 (ID 1003069) 90.0 deg
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	13.4 m	4.3 km
45.0	0.428	14.7	21.5
90.0	3.00	12.3	31.2
135.0	0.428	22.9	21.5
180.0	0.000	20.1	4.3
225.0	0.000	20.5	3.9
270.0	0.007	29.9	7.7
315.0	0.000	19.9	3.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 19 m

Distance to Canadian border: 1250.7 km

Distance to Mexican border: 1457.6 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 144.2 degrees Distance: 383.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 304.2 degrees Distance: 2284.3 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%

Interference to BLANK0000016505 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	
Undesireds:	W42EH-D	D6	LD	APP	JASPER, FL		138.5 km
	WVUA	D6	DT	LIC	TUSCALOOSA, AL	BLCDDT20090612AHT	364.0
	WCES-TV	D6	DT	LIC	WRENS, GA	BLANK0000016506	291.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
38606.5	1,099,078	38478.3	1,098,617	37939.3	1,089,751	37937.3 1,089,751	0.01 0.00
Undesired			Total IX		Unique IX, before	Unique IX, after	
W42EH-D	D6	LD	APP	2.0	0	2.0 0	
WVUA	D6	DT	LIC	192.2	695	171.0 624	
WCES-TV	D6	DT	LIC	368.0	8,242	346.8 8,171	

Interference to proposal scenario 1
57.52% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W42EH-D	D6	LD	APP	JASPER, FL		
Undesireds:	WHDY-LP	N6+	TX	APP	PANAMA CITY, FL	BLANK0000140162	276.7 km
	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	138.5
Service area		Terrain-limited		IX-free		Percent IX	
772.7	4,179	745.7	4,124	571.7	1,752	23.33 57.52	
Undesired			Total IX		Unique IX	Prcnt Unique IX	
WABW-TV	D6	DT	LIC	174.0	2,372	23.33 57.52	