tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: Greenville35d10kwinceltiat145f, Model: Longley-Rice
Start: 2021.12.06 05:31:42

Study created: 2021.12.06 05:31:42

Study build station data: LMS TV 2021-12-06

    Proposal: W35DH-D D35 LD CP GREENVILLE, FL
 Facility ID: 186723
Station data: User record
   Record ID: 1383
     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	W34EC-D	D34	LD	CP	CHATTAHOOCHEE, FL	BNPDTL20090825AGO	91.0 km
No	W34FW-D	D34	LD	LIC	JASPER, FL	BLANK0000158188	102.0
No	W40BU	D34-	LD	CP	PANAMA CITY, FL	BLANK0000054799	171.8
No	WXVK-LD	D34z	LD	CP	Columbus, GA	BLANK0000116354	228.4
No	WSST-TV	D34	DT	LIC	CORDELE, GA	BLANK0000064103	136.5
No	W34EJ-D	D34	LD	CP	CORDELE, GA	BNPDTL20100510AAY	141.9
No	WKNI-LP	D35-	LD	CP	ANDALUSIA, AL	BLANK0000054917	253.5
No	WAWA-LD	D35	LD	CP	DOTHAN, AL	BLANK0000071951	164.9
No	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK0000112954	375.0
No	WUDC-LD	D35	LD	CP	MONTGOMERY, AL	BNPDTL20091026ABC	287.7
No	K35OX-D	D35	LD	CP	SELMA, AL	BNPDTL20090825AOA	347.8
No	W35EC-D	D35	LD	CP	JENNINGS, FL	BLANK0000155518	78.9
No	WRCZ-LD	D35	LD	LIC	OCALA, FL	BLANK0000013902	231.8
No	WFTV	D35	DT	LIC	ORLANDO, FL	BLANK0000149068	363.8
No	WECP-LD	D35	LD	LIC	PANAMA CITY, FL	BLANK0000081864	143.3
No	WJTC	D35	DT	LIC	PENSACOLA, FL	BLANK0000121002	345.7
No	WTAM-LD	D35	LD	LIC	TAMPA, FL	BLANK0000106115	356.3
No	WUVG-DT	D35	LD	LIC	ATHENS, GA	BLANK0000081844	372.6
No	WDTA-LD	D35	LD	LIC	ATLANTA, GA	BLANK0000126643	344.0
No	W35DV-D	D35	LD	CP	AUGUSTA, GA	BLANK0000157805	338.2
No	WSCG	D35	DT	LIC	BAXLEY, GA	BLCDT20071120AJC	290.3

No	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	217.9
No	W35BB-D	D35	LD	LIC	DUBLIN, GA	BLDTL20141230AAP	234.8
No	W35DA-D	D35	LD	CP	MACON, GA	BNPDTL20100309ACC	234.1
No	WBVJ-CD	D35+	DC	LIC	VALDOSTA, GA	BLANK0000004708	70.8
No	WBVJ-CD	D35+	DC	CP	VALDOSTA, GA	BLANK0000035757	70.8
No	WMYA-TV	D35	DT	LIC	ANDERSON, SC	BLANK0000120378	468.8
No	WTVY	D36	DT	LIC	DOTHAN, AL	BLCDT20090901AAL	174.2
No	WUFT	D36	DT	LIC	GAINESVILLE, FL	BLEDT20040304AAF	183.0
No	W36EA-D	D36	LD	CP	TALLAHASSEE, FL	BNPDTL20090825AMB	44.1
No	WGCW-LD	D36	LD	LIC	ALBANY, GA	BLANK0000075337	107.4
No	W36FI-D	D36	LD	CP	VALDOSTA, GA	BLANK0000071818	78.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D35
       Mask: Stringent
   Latitude:  30 40 14.00 N (NAD83)
  Longitude:  83 56 26.00 W
Height AMSL: 78.6 m
       HAAT: 0.0 m
   Peak ERP: 10.0 kW
    Antenna: ELTI-ELTI UHF Panel (ID 1008435) 145.0 deg
Elev Pattrn: Generic
```

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.042 kW	25.9 m	7.7 km
45.0	0.011	30.2	5.6
90.0	1.06	35.0	18.5
135.0	9.12	39.7	30.0
180.0	3.79	39.0	25.7
225.0	0.027	27.2	7.0
270.0	0.078	29.8	9.0
315.0	0.019	21.6	6.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 31 m

Distance to Canadian border: 1228.5 km

Distance to Mexican border: 1372.2 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 348.5 degrees Distance: 362.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 304.5 degrees Distance: 2187.8 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%

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W35DH-D	D35	LD	CP	GREENVILLE, FL		
Undesireds:	WBVJ-CD	D35+	DC	LIC	VALDOSTA, GA	BLANK0000004708	70.8 km

Service area		Terrain-limited		IX-free		Percent IX	
860.4	11,983	860.4	11,983	860.4	11,983	0.00	0.00

Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W35DH-D	D35	LD	CP	GREENVILLE, FL		
Undesireds:	WBVJ-CD	D35+	DC	CP	VALDOSTA, GA	BLANK0000035757	70.8 km

Service area		Terrain-limited		IX-free		Percent IX	
860.4	11,983	860.4	11,983	853.4	11,983	0.81	0.00

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WBVJ-CD D35+ DC CP	7.0	0	7.0	0	0.81	0.00