

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Hines13d3kwSAM50T, Model: Longley-Rice

Start: 2021.08.05 15:07:35

Study created: 2021.08.05 15:07:34

Study build station data: LMS TV 2021-08-05

Proposal: W13DU-D D13 LD APP Hinesville, GA

Facility ID: 186379

Station data: User record

Record ID: 289

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	WFXL	D12	DT	LIC	ALBANY, GA	BLCDT20070725AFF	204.0 km
No	WRDW-TV	D12	DT	LIC	AUGUSTA, GA	BLCDT20090227ABQ	175.6
No	WTLV	D13	DT	LIC	JACKSONVILLE, FL	BLCDT20090702AAJ	174.6
No	WMBB	D13	DT	LIC	PANAMA CITY, FL	BLCDT20090220AAF	380.2
No	WEDU	D13	DT	LIC	TAMPA, FL	BLANK0000139567	445.2
No	WEDU	D13	DT	CP	TAMPA, FL	BLANK0000143916	445.2
No	W45DX-D	D13	LD	CP	ATLANTA, GA	BLANK0000151607	324.0
No	DDWCZC-LD	D13	LD	APP	AUGUSTA, GA	BLANK0000051603	176.8
No	WMAZ-TV	D13	DT	LIC	MACON, GA	BLCDT20090617AAN	195.3
No	WBFL-CD	D13-	DC	LIC	VALDOSTA, GA	BLANK0000004604	194.9
No	WLOS	D13	DT	LIC	ASHEVILLE, NC	BLCDT20101014ABR	409.4
No	WBTW	D13	DT	LIC	FLORENCE, SC	BLCDT20090612AIR	363.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D13
Mask: Stringent
Latitude: 31 49 53.00 N (NAD83)
Longitude: 81 47 20.70 W
Height AMSL: 39.4 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: SAM-SAM-160 (ID 1005900) 50.0 deg
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.307 kW	13.0 m	17.7 km
45.0	2.91	17.9	28.8
90.0	1.19	14.5	24.2
135.0	0.003	17.8	5.4
180.0	0.024	22.8	9.5
225.0	0.055	22.6	11.6
270.0	0.030	16.6	10.0
315.0	0.003	1.4	5.4

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

Distance to Canadian border: 1095.6 km

Distance to Mexican border: 1608.1 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 310.3 degrees Distance: 355.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 300.3 degrees Distance: 2291.5 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 proposal scenario 1
 8.40% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W13DU-D	D13	LD	APP	Hinesville, GA		
Undesireds:	WTLV	D13	DT	LIC	JACKSONVILLE, FL	BLCDT20090702AAJ	174.6 km
	WMAZ-TV	D13	DT	LIC	MACON, GA	BLCDT20090617AAN	195.3

	Service area		Terrain-limited		IX-free	Percent IX	
	811.1	48,769	804.0	48,769	764.6	44,672	4.90 8.40
Undesired				Total IX		Unique IX	Prcnt Unique IX
WTLV D13 DT LIC		24.2		349	21.2	0	2.64 0.00
WMAZ-TV D13 DT LIC		18.2		4,097	15.2	3,748	1.89 7.69