

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: LaGrange26d2500wTUA320T, Model: Longley-Rice

Start: 2021.04.21 14:43:23

Study created: 2021.04.21 14:43:23

Study build station data: LMS TV 2021-04-21

Proposal: WTMH-LD D26 LD APP LaGrange, NC

Facility ID: 184344

Station data: User record

Record ID: 2100

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	DW19CA	N19-	TX	APP	LUMBERTON, NC	BLTT19961112JH	125.0 km
No	W22CJ	N22-	TX	LIC	JACKSONVILLE, NC	BLTT19990629JD	69.1
No	WUNK-TV	D25	DT	LIC	GREENVILLE, NC	BLANK0000124910	34.1
No	WUNK-TV	D25	DT	LIC	GREENVILLE, NC	BLANK0000143143	34.1
No	W25EU-D	D25	LD	CP	LUMBERTON, NC	BNPDTL20100210AAS	124.4
No	W25FN-D	D25	LD	CP	WILMINGTON, NC	BLANK0000071896	112.4
No	WVAD-LD	D25	LD	LIC	CHESAPEAKE, VA	BLDTL20121214ABD	216.8
No	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000111760	461.1
No	WBFF	D26	DT	LIC	BALTIMORE, MD	BLANK0000136477	461.1
No	WGPT	D26	DT	LIC	OAKLAND, MD	BLANK0000080370	476.3
No	WRDE-LD	D26	LD	LIC	Salisbury, MD	BLANK0000138066	405.3
No	WGPX-TV	D26	DT	LIC	BURLINGTON, NC	BLANK0000081829	196.2
No	WHEH-LD	D26	LD	LIC	LUMBERTON, NC	BLANK0000073372	262.7
No	W45CL-D	D26	LD	CP	MANTEO, NC	BLANK0000054169	204.0
No	W26FA-D	D26	LD	LIC	MARION, NC	BLANK0000074929	341.1
No	DWDRL-LD	D26	LD	LIC	WILMINGTON, NC	BLDTL20150112ACT	133.5
No	WWMB	D26	DT	LIC	FLORENCE, SC	BLANK0000119979	173.7
No	WNEH	D26	DT	LIC	GREENWOOD, SC	BLANK0000081201	412.0

No	WNEH	D26	DT	CP	GREENWOOD, SC	BLANK0000086358	412.0
No	WHTJ	D26	DT	LIC	CHARLOTTESVILLE, VA	BLANK0000112378	305.9
No	W26EV-D	D26	LD	LIC	PORTSMOUTH, VA	BLANK0000093428	207.4
No	W27DP-D	D27	LD	CP	NEW BERN, NC	BNPDTL20100209AAP	89.4
No	WUNP-TV	D27	DT	LIC	ROANOKE RAPIDS, NC	BLANK0000121047	111.6
No	WPDE-TV	D27	DT	LIC	FLORENCE, SC	BLANK0000120367	173.7
No	WJGN-CD	D27	DC	LIC	CHESAPEAKE, VA	BLANK0000097777	217.4
No	DWVBN-LP	D27	LD	APP	VIRGINIA BEACH, VA	BDISDTL20091106ADI	217.4
No	WACN-LP	N34z	TX	LIC	RALEIGH, NC	BLTTL20060609AAA	79.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26
 Mask: Stringent
 Latitude: 35 17 17.00 N (NAD83)
 Longitude: 77 47 30.00 W
 Height AMSL: 42.0 m
 HAAT: 0.0 m
 Peak ERP: 2.50 kW
 Antenna: DIE-TUA (ID 120649) 320.0 deg
 Elev Pattn: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.684 kW	9.0 m	16.1 km
45.0	0.002	10.1	4.0
90.0	0.013	13.2	6.1
135.0	0.008	24.0	5.5
180.0	0.004	14.9	4.6
225.0	0.005	11.2	4.7
270.0	0.308	19.7	13.2
315.0	2.41	6.0	22.0

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 14 m

Distance to Canadian border: 814.2 km

Distance to Mexican border: 2096.8 km

Conditions at FCC monitoring station: Laurel MD

Bearing: 11.0 degrees Distance: 439.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 290.8 degrees Distance: 2461.1 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

32.76% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTMH-LD	D26	LD	APP	LaGrange, NC		
Undesireds:	WUNK-TV	D25	DT	LIC	GREENVILLE, NC	BLANK0000124910	34.1 km
	Service area			Terrain-limited		IX-free	Percent IX
	420.0	52,599		420.0	52,599	317.5	35,370
						24.40	32.76
Undesired				Total IX		Unique IX	Prcnt Unique IX
WUNK-TV	D25	DT	LIC	102.5	17,229	102.5	17,229
						24.40	32.76

Interference to proposal scenario 2
32.76% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WTMH-LD	D26	LD	APP	LaGrange, NC		
Undesireds:	WUNK-TV	D25	DT	LIC	GREENVILLE, NC	BLANK00000143143	34.1 km
	Service area			Terrain-limited		IX-free	Percent IX
	420.0	52,599		420.0	52,599	317.5	35,370
						24.40	32.76
Undesired				Total IX		Unique IX	Prcnt Unique IX
WUNK-TV D25 DT LIC				102.5	17,229	102.5	17,229
						24.40	32.76