

Study created: 2019.11.21 09:14:29 JMc

Study build station data: LMS TV 2019-11-21

Proposal: W19EB-D D19 LD LIC LUMBERTON, MS
File number: BLANK00000013955
Facility ID: 187803
Station data: User record
Record ID: 522
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
Yes	WMPV-TV	D18	DT	CP	MOBILE, AL	BLANK00000064264	91.1 km
No	WBXN-CD	D18	DC	LIC	NEW ORLEANS, LA	BLDTA20131104ARF	159.4
No	WMAU-TV	D18	DT	LIC	BUDE, MS	BLEDT20090327ABW	228.3
No	W18EL-D	D18	LD	CP	LAUREL, MS	BNPDTL20100510AFO	136.7
No	WOTM-LD	D19	LD	LIC	Birmingham, AL	BLANK00000004826	332.2
No	WOTM-LD	N19+	TX	LIC	Birmingham, AL	BLTTL19970514JI	331.9
Yes	WIIQ	D19	DT	LIC	DEMOPOLIS, AL	BLEDT20090511AHE	211.6
No	WDSF-LD	D19	LD	LIC	MONTGOMERY, AL	BLANK00000001458	289.7
No	WIYC	D19	DT	CP	TROY, AL	BLANK00000089226	299.0
No	WIDM-LD	D19	LD	LIC	PANAMA CITY, FL	BLANK00000013986	269.7
No	W19CO-D	D19	LD	LIC	PENSACOLA, FL	BLDTL20100408ACF	120.8
No	NEW	D19	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AAO	408.9
No	WTLH	D19	DT	CP	BAINBRIDGE, GA	BLANK00000034478	438.7
No	KAJN-CD	D19	DC	LIC	LAFAYETTE, LA	BLANK00000063952	334.8
No	WDSU	D19	DT	CP	NEW ORLEANS, LA	BLANK00000080328	150.1
No	KARD	D19	DT	LIC	WEST MONROE, LA	BLANK00000063972	384.2
No	W19EF-D	D19	LD	CP	GREENVILLE, MS	BNPDTL20101018ACU	392.0
Yes	WKRG-TV	D20	DT	LIC	MOBILE, AL	BLANK00000080989	71.1
Yes	WMPV-TV	D20	DT	LIC	MOBILE, AL	BLCDT20100420AAK	91.1
No	WCOV-TV	D20	DT	LIC	MONTGOMERY, AL	BLCDT20090312AAO	277.2
No	K20MM-D	D20	LD	LIC	NEW ORLEANS, LA	BLANK00000071586	157.4
No	WMPN-TV	D20	DT	LIC	JACKSON, MS	BLEDT20080807AAP	253.2
No	WWBH-LP	N27	TX	LIC	MOBILE, AL	BLTTL19931029II	93.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19
Mask: Full Service
Latitude: 30 32 59.50 N (NAD83)
Longitude: 88 33 23.80 W
Height AMSL: 107.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: ALIVE-OI 56.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	10.8 kW	93.1 m	42.2 km
45.0	14.8	92.1	43.7
90.0	13.2	97.6	43.8
135.0	8.16	104.0	42.2
180.0	6.18	104.9	40.9
225.0	7.43	104.0	41.7
270.0	6.76	96.8	40.4
315.0	6.54	96.5	40.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 99 m

Distance to Canadian border: 1343.7 km

Distance to Mexican border: 963.7 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 43.4 degrees Distance: 515.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 309.8 degrees Distance: 1843.0 km

No land mobile station failures found

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%

----- Below is IX received by proposal BLANK00000013955 -----

Proposal receives 10.96% interference from scenario 1
No IX check failures found.