

TECHNICAL EXHIBIT  
MINOR MODIFICATION OF CP 0000143152  
WTBS-LD, FI 53584  
ATLANTA, GA  
PRISM BROADCASTING NETWORK, INC.

MODIFICATIONS INCLUDE THE FOLLOWING:

1. C/R HAGL is changed to 24.6M.
2. ERP is changed tp 1.5 kW.
3. Antenna is changed to MICRONETIXX FML-8

No other changes are anticipated.

J. R. McDonald

July 10, 2021

Study created: 2021.07.10 15:25:41

Study build station data: LMS TV 2021-07-07

Proposal: WTBS-LP D6- LD LIC ATLANTA, GA  
File number: 320m 1.5kW  
Facility ID: 53584  
Station data: User record  
Record ID: 436  
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	WJSP-TV	D5	DT	LIC	COLUMBUS, GA	BLANK0000068900	104.2 km
No	WTNB-CD	D5	DC	LIC	CLEVELAND, TN	BLANK0000081975	183.2
Yes	WVUA	D6	DT	LIC	TUSCALOOSA, AL	BLCDT20090612AHT	228.2
No	W06DI-D	D6	LD	CP	JASPER, FL	BLANK0000150690	393.3
Yes	WDDA-LP	N6z	TX	LIC	DALTON, GA	BLTVL20070122AAY	128.5
Yes	WABW-TV	D6	DT	LIC	PELHAM, GA	BLANK0000016505	291.0
Yes	WCES-TV	D6	DT	LIC	WRENS, GA	BLANK0000016506	199.7
No	WDHC-LD	D6	LD	LIC	LEBANON, KY	BLANK0000146037	377.6
No	WDHC-LD	D6	LD	CP	LEBANON, KY	BLANK0000150869	390.0
No	W06DJ-D	D6	LD	CP	AUBURN, MS	BLANK0000150838	397.4
Yes	W06AJ-D	D6	LD	LIC	FRANKLIN, ETC., NC	BLDTV20120625AAZ	174.0

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: Full Service  
Latitude: 33 44 40.90 N (NAD83)  
Longitude: 84 21 35.70 W  
Height AMSL: 320.0 m  
HAAT: 0.0 m  
Peak ERP: 1.50 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.50 kW	42.8 m	31.3 km
45.0	1.50	19.3	27.6
90.0	1.50	32.4	28.2
135.0	1.50	61.6	36.2
180.0	1.50	40.8	30.8
225.0	1.50	20.9	27.6
270.0	1.50	33.3	28.5
315.0	1.50	50.2	33.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 38 m

Distance to Canadian border: 893.9 km

Distance to Mexican border: 1485.5 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 291.4 degrees Distance: 36.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 297.0 degrees Distance: 1978.7 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%

No IX check failures found.