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Study build station data: LMS TV 2019-04-16

Proposal: W51EL-D D26 LD CP TALLAHASSEE, FL  
File number: BNPDTL20090825AXZ  
Facility ID: 182472  
Station data: User record  
Record ID: 128  
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	W25EA-D	D25	LD CP	CHIPLEY, FL
	BNPDTL20090825AWD		125.2 km	
No	WAWD	D25	DT CP	FORT WALTON BEACH, FL
	BLANK0000034185		246.2	
No	W25EX-D	D25	LD CP	GREENVILLE, FL
	BNPDTL20100513AEX		71.2	
No	W16CX-D	D25	LD CP	PANAMA CITY, FL
	BLANK0000054044		105.6	
Yes	W25EN-D	D25	LD CP	TALLAHASSEE, FL
	BNPDTL20100728ACD		2.5	
No	W25ED-D	D25	LD CP	ALBANY, GA
	BLANK0000012039		110.8	
No	W25EL-D	D25	LD CP	LENOX, GA
	BNPDTL20100510ABI		123.1	
No	WGEI-LD	D26	LD LIC	ENTERPRISE, AL
	BLANK0000014108		134.9	
No	WTJP-TV	D26	DT LIC	GADSDEN, AL
	BLCDT20110304ACB		424.4	
No	WXAX-CD	D26	DC LIC	CLEARWATER, FL
	BLANK0000001619		351.0	
No	WEDS-LD	D26	LD CP	FORT WALTON, FL
	BLANK0000052524		338.5	
No	WGVN-LD	D26	LD LIC	GAINESVILLE, FL
	BLDTL20080605AAQ		200.5	
No	W26DP-D	D26	LD LIC	INVERNESS, FL
	BLDTT20100122AAL		254.2	
No	W45BZ	D26+	LD CP	JACKSONVILLE, FL
	BLANK0000054939		262.3	
No	W26EB-D	D26	LD CP	JENNINGS, FL
	BNPDTL20100510ACD		113.8	
No	WBIF	D26	DT CP	MARIANNA, FL
	BLANK0000059983		107.1	
No	WKMG-TV	D26	DT APP	ORLANDO, FL
	BLANK0000035777		374.5	

No	WKMG-TV	D26	DT	LIC	ORLANDO, FL
	BLCDT20090618ABB		374.5		
No	W26BV	N26-	TX	LIC	PANAMA CITY, FL
	BLTTL20001201ABZ		223.1		
No	WSNN-LD	D26	LD	LIC	SARASOTA, FL
	BLANK0000059117		389.8		
No	W26EM-D	D26	LD	CP	ATHENS, GA
	BPDTL20141216ABG		423.7		
No	WLVO-LD	D26	LD	LIC	ATLANTA, GA
	BLANK0000008263		372.2		
No	WTBS-LP	N26-	TX	LIC	ATLANTA, GA
	BLTTL20000620AEP		366.9		
No	WYEO-LD	D26	LD	CP	AUGUSTA, GA
	BNPDTL20090825ADX		375.7		
No	WYBU-CD	D26	DC	CP	COLUMBUS, GA
	BLANK0000025321		234.4		
No	W26DS-D	D26	LD	LIC	LA GRANGE, GA
	BLDTL20140226AGK		280.0		
No	WGXA	D26	DT	CP	MACON, GA
	BLANK0000034372		264.0		
No	NEW	D26	LD	APP	MACON, GA
	BNPDTL20090825BPP		264.2		
No	WDID-LD	D26	LD	LIC	SAVANNAH, GA
	BLANK0000001415		349.4		
No	NEW	D26	LD	APP	WARNER ROBBINS, GA
	BNPDTL20090825AFK		264.0		
No	K26PB-D	D26	LD	CP	WOODVILLE, GA
	BNPDTL20090825BXD		367.7		
No	WTGS	D26	DT	CP	HARDEEVILLE, SC
	BLANK0000027450		331.7		
No	WGEI-LD	D27	LD	CP	ENTERPRISE, AL
	BLANK0000054046		134.9		
No	WYME-CD	D27	DC	CP	GAINESVILLE, FL
	BLANK0000034479		216.1		
No	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL
	BLCDT20090217ABY		39.0		
No	W27DK-D	D27	LD	CP	COLUMBUS, GA
	BNPDTL20090825BYF		212.2		

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26  
Mask: Full Service  
Latitude: 30 27 33.60 N (NAD83)  
Longitude: 84 17 49.20 W  
Height AMSL: 96.0 m  
HAAT: 0.0 m  
Peak ERP: 0.050 kW

Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 1.75

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.050 kW	51.1 m	11.0 km
45.0	0.050	46.8	10.5
90.0	0.050	60.8	12.0
135.0	0.050	65.2	12.3
180.0	0.050	83.1	13.8
225.0	0.050	70.6	12.8
270.0	0.050	67.3	12.5
315.0	0.050	58.9	11.8

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 63 m

Distance to Canadian border: 1255.2 km

Distance to Mexican border: 1332.3 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 354.1 degrees    Distance: 380.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 305.3 degrees    Distance: 2173.2 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%

---- Below is IX received by proposal BNPDTL20090825AXZ ----

Proposal receives 6.83% interference from scenario 1  
No IX check failures found.