

Study created: 2019.12.29 16:14:57 JMc

Study build station data: LMS TV 2019-12-29

Proposal: NEW D34 LD APP GAINESVILLE, FL  
File number: BNPDTL20090825ANR  
Facility ID: 182301  
Station data: User record  
Record ID: 607  
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	WOCD-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	36.6 km
No	WWRJ-LP	N27-	TX	LIC	JACKSONVILLE, FL	BLTTL20140115AAF	130.4
Yes	W33BL	D33	LD	CP	CHIEFLAND, FL	BLANK0000001084	25.5
No	W33BL	N33	TX	LIC	CHIEFLAND, FL	BLTTL19960415IC	25.5
No	WUJF-LD	D33	LD	LIC	JACKSONVILLE, FL	BLDTL20130306ADL	134.6
No	NEW	D33	LD	APP	LIVE OAK, FL	BNPDTL20090825CAM	78.1
No	NEW	D33	LD	APP	MADISON, FL	BNPDTL20090825AHE	147.8
No	WOFL	D33	DT	CP	ORLANDO, FL	BLANK0000034529	168.6
No	WUFX-LD	D33	LD	CP	TALLAHASSEE, FL	BLANK00000052521	204.6
No	WGCT-LD	D33	LD	LIC	Tampa, FL	BLANK00000059159	176.8
No	W30BD	D34z	LD	APP	EUFAULA, AL	BLANK00000093291	392.9
No	W34EU-D	D34	LD	CP	MIDLAND CITY, AL	BNPDTL20100510ALL	355.8
No	WFTX-TV	D34	DT	CP	CAPE CORAL, FL	BLANK00000026821	300.6
No	W34EC-D	D34	LD	CP	CHATTAHOOCHEE, FL	BNPDTL20090825AGO	262.4
Yes	WCWJ	D34	DT	LIC	JACKSONVILLE, FL	BLCDT20060630AFM	134.7
No	WBXJ-CD	D34	DC	CP	JACKSONVILLE, ETC., FL	BLANK00000034663	134.6
No	WUCF-TV	D34	DT	CP	ORLANDO, FL	BLANK00000082160	168.1
No	W40BU	D34-	LD	CP	PANAMA CITY, FL	BLANK00000054799	319.1
No	WDNP-LD	D34	LD	CP	ST. PETERSBURG, FL	BLANK00000054701	165.8
No	WHDT	D34	DT	LIC	STUART, FL	BLANK00000085738	388.7
No	NEW	D34	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMO	196.1
No	W34FQ-D	D34	LD	CP	TALLAHASSEE, FL	BLANK00000071976	205.3
No	NEW	D34	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AXT	204.3
No	NEW	D34	LD	APP	TALLAHASSEE, FL	BNPDTL20090825ALF	205.6
No	WEDQ	D34	DT	LIC	TAMPA, FL	BLCDT20060913ABQ	176.8
No	WSST-TV	D34	DT	LIC	CORDELE, GA	BLANK00000064103	300.2
No	W34EJ-D	D34	LD	CP	CORDELE, GA	BNPDTL20100510AAY	304.1
No	NEW	D34	LD	APP	MACON, GA	BNPDTL20090825BSW	382.7
No	NEW	D34	LD	APP	WARNER ROBBINS, GA	BNPDTL20090825AEJ	382.6
No	WGWG	D34	DT	LIC	CHARLESTON, SC	BLCDT20060630ADJ	474.7
No	W35DH-D	D35	LD	CP	GREENVILLE, FL	BNPDTL20100513ALI	147.8
No	WRCZ-LD	D35	LD	LIC	OCALA, FL	BLANK00000013902	134.6
No	WFTV	D35	DT	CP	ORLANDO, FL	BLANK00000034714	173.3
No	WRCF-CD	D35	DC	LIC	ORLANDO, FL	BLDTA20130705AAR	159.1
No	WDDM-LD	D35	LD	CP	TALLAHASSEE, FL	BLANK00000052928	209.4
No	WTAM-LD	D35	LD	CP	TAMPA, FL	BLANK00000051686	179.9
No	WBVJ-CD	D35+	DC	CP	VALDOSTA, GA	BLANK00000035757	186.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34  
Mask: Full Service  
Latitude: 29 25 5.00 N (NAD83)  
Longitude: 82 32 57.00 W  
Height AMSL: 124.4 m  
HAAT: 0.0 m  
Peak ERP: 5.00 kW  
Antenna: SIRA UTV01 40.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

50.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.31 kW	98.0 m	33.5 km
45.0	4.90	103.3	37.9
90.0	1.40	101.8	31.4
135.0	0.004	102.7	8.2
180.0	0.004	96.8	8.0
225.0	0.055	105.6	15.5
270.0	0.002	105.3	6.9
315.0	0.043	101.7	14.2

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 102 m

Distance to Canadian border: 1362.6 km

Distance to Mexican border: 1464.4 km

Conditions at FCC monitoring station: Vero Beach FL  
Bearing: 136.7 degrees    Distance: 274.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 306.1 degrees    Distance: 2377.5 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.