Study created: 2020.09.02 14:31:40

Study build station data: LMS TV 2020-07-23

Proposal: WDTA-LD D35 LD LIC ATLANTA, GA
File number: BLDTL20100831ACE
Facility ID: 17545
Station data: User record
Record ID: 155
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W34EY-D	D34	DC	LIC	HUNTSVILLE, AL	BLANK0000069366	228.1 km
No	WHVD-LD	D34	LD	LIC	HUNTSVILLE, AL	BLDTL20121213AIM	228.1
No	WBIH	D34	DT	LIC	SELMA, AL	BLANK0000110807	267.0
Yes	WATC-DT	D34	DT	LIC	ATLANTA, GA	BLANK0000107129	36.8
No	W34FS-D	D34z	LD	LIC	COLUMBUS, GA	BLANK0000115071	175.9
No	W34FS-D	D34z	LD	CP	COLUMBUS, GA	BLANK0000116354	149.8
No	WSST-TV	D34	DT	LIC	CORDELE, GA	BLANK0000064103	212.2
No	W34EN-D	D34	LD	CP	DALTON, GA	BDCCDTL20110721AAJ	133.5
No	WDYI-LD	D34	LD	CP	MACON, GA	BLANK0000053053	85.9
No	W34FT-D	D34	LD	CP	WASHINGTON, GA	BNPDTL20090825BXG	147.8
No	WVLT-TV	D34	DT	LIC	KNOXVILLE, TN	BLANK0000081956	252.9
No	WKNI-LP	D35-	LD	CP	ANDALUSIA, AL	BLANK0000054917	328.4
No	WOTM-LD	D35	LD	CP	Birmingham, AL	BLANK0000054796	221.7
No	WAWA-LD	D35	LD	CP	DOTHAN, AL	BLANK0000071951	296.3
No	WHVD-LD	D35	LD	CP	HUNTSVILLE, AL	BLANK0000054484	228.1
Yes	WEAC-CD	D35	DC	LIC	JACKSONVILLE, AL	BLANK0000112954	140.5
No	WUDC-LD	D35	LD	CP	MONTGOMERY, AL	BNPDTL20091026ABC	226.9
No	K35OX-D	D35	LD	CP	SELMA, AL	BNPDTL20090825AOA	285.8
No	W29DT-D	D35	LD	CP	TUSCALOOSA, AL	BLANK0000051661	351.3
No	W35DH-D	D35	LD	CP	GREENVILLE, FL	BNPDTL20100513ALI	377.0
No	WECP-LD	D35	LD	LIC	PANAMA CITY, FL	BLANK0000081864	389.3
No	WJTC	D35	DT	LIC	PENSACOLA, FL	BLANK0000113217	461.9
No	WDDM-LD	D35	LD	CP	TALLAHASSEE, FL	BLANK0000052928	352.0
Yes	WUVG-DT	D35	LD	CP	ATHENS, GA	BLANK0000054445	91.4
Yes	WUVG-DT	D35	LD	LIC	ATHENS, GA	BLANK0000081844	91.4
No	W35DV-D	D35	LD	CP	AUGUSTA, GA	BLANK0000071990	208.8
No	WSCG	D35	DT	LIC	BAXLEY, GA	BLCDT20071120AJC	339.2
Yes	WLTZ	D35	DT	LIC	COLUMBUS, GA	BLCDT20060627ABT	151.2
No	W35BB-D	D35	LD	LIC	DUBLIN, GA	BLDTL20141230AAP	190.2
No	W35DA-D	D35	LD	CP	MACON, GA	BNPDTL20100309ACC	133.3
No	WBVJ-CD	D35+	DC	LIC	VALDOSTA, GA	BLANK0000004708	324.4

No	WBVJ-CD	D35+	DC	CP	VALDOSTA, GA	BLANK0000035757	324.4
No	WKLE	D35	DT	LIC	LEXINGTON, KY	BLANK0000087400	459.6
No	W35DT-D	D35	LD	LIC	BEAVER DAM, NC	BLANK0000114227	261.4
No	W35CO-D	D35-	LD	LIC	BURNSVILLE, NC	BLDTT20090615AAS	308.0
No	WFMY-TV	D35	DT	LIC	GREENSBORO, NC	BLANK0000113927	475.3
Yes	W35CK-D	D35	LD	LIC	HIGHLANDS, NC	BLDTT20080922ABE	178.0
No	WMYA-TV	D35	DT	CP	ANDERSON, SC	BLANK0000034497	216.8
Yes	WTCI	D35	DT	CP	CHATTANOOGA, TN	BLANK0000034751	183.2
No	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	448.3
No	WCTZ-LD	D35	LD	LIC	NASHVILLE, TN	BLANK0000072298	357.5
No	W36FL-D	D36	LD	CP	ATHENS, GA	BNPDTL20090825AER	136.1
No	WUPA	D36	DT	LIC	ATLANTA, GA	BLANK0000084466	7.2
No	WBUD-LD	D36	LD	LIC	Atlanta, GA	BLANK0000004267	44.5
No	WFXG	D36	DT	LIC	AUGUSTA, GA	BLANK0000081277	236.6
No	W36EO-D	D36	LD	CP	Columbus, GA	BLANK0000009173	138.4
No	NEW	D36	LD	APP	MACON, GA	BNPDTL20090825BSY	133.3
No	NEW	D36	LD	APP	MACON, GA	BNPDTL20090825AVN	132.8
No	NEW	D36	LD	APP	WARNER ROBBINS, GA	BNPDTL20090825AEF	133.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D35
       Mask: Full Service
   Latitude:  33 44 40.90 N (NAD83)
  Longitude:  84 21 35.70 W
Height AMSL: 613.0 m
       HAAT: 0.0 m
   Peak ERP: 6.00 kW
    Antenna: RFS-PEPL48C-C170-2-T (ID 1005561) 0.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.75
```

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	5.87 kW	335.8 m	52.6 km
45.0	4.21	312.3	49.5
90.0	5.81	325.4	52.0
135.0	2.16	354.6	48.0
180.0	2.09	333.8	46.8
225.0	1.99	313.9	45.5
270.0	5.86	326.3	52.1

315.0 3.98 343.2 50.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 331 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%

---- Below is IX received by proposal BLDTL20100831ACE ----

Proposal receives 32.60% interference from scenario 1
Proposal receives 32.60% interference from scenario 2
No IX check failures found.