

FIGURE 3 - FCC TVSTUDY SUMMARY REPORT

NOTE: CELL SIZE 1.0 KM  
 PROFILE SPACING 0.1 KM  
 IS REQUESTED

Proposal: WWHL-LD D31 LD APP Nashville, TN  
 File number: WWHL TEST- NEW FINAL  
 Facility ID: 995  
 Station data: User record  
 Record ID: 609  
 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	DDDQTV-LPN24+		TX	APP	MURRAY, KY	BLTTL20010425AAF	145.7 km
No	WTCT	D30	DT	LIC	MARION, IL	BLANK0000096223	257.5
No	WELW-LD	D30	LD	LIC	EVANSVILLE, IN	BLANK0000163325	224.1
No	WKPC-TV	D30	DT	LIC	LOUISVILLE, KY	BLANK0000087420	272.6
Yes	WNAB	D30	DT	LIC	NASHVILLE, TN	BLANK0000159669	24.4
No	WAXC-LD	D31	LD	LIC	ALEXANDER CITY, AL	BLDTL20110329ABN	354.0
No	WSFG-LD	D31	LD	CP	BERRY, AL	BLANK0000029418	270.6
No	WSFG-LD	D31	LD	LIC	BERRY, AL	BLANK0000176885	270.6
No	WNCF	D31	DT	LIC	MONTGOMERY, AL	BLANK0000001319	433.2
No	WPCH-TV	D31	DT	LIC	ATLANTA, GA	BLANK0000152274	336.8
No	WSB-TV	D31	LD	LIC	ATLANTA, GA	BLCDT20100429ADZ	363.6
No	WVUT	D31	DT	LIC	VINCENNES, IN	BLANK0000087466	295.2
Yes	WKMA-TV	D31	DT	LIC	MADISONVILLE, KY	BLANK0000087442	140.9
No	K30NE-D	D31	LD	CP	CAPE GIRARDEAU, MO	BLANK0000071795	311.0
No	KDNL-TV	D31	DT	LIC	ST. LOUIS, MO	BLANK0000158069	418.3
No	WGBC	D31	DT	CP	MERIDIAN, MS	BLANK0000035926	447.4
No	WGBC	D31	DT	LIC	MERIDIAN, MS	BLCDT20071024AAK	447.4
No	W31DH-D	D31	LD	LIC	FRANKLIN, ETC, NC	BLANK0000143463	325.3
No	W31AN-D	D31	LD	LIC	MURPHY, NC	BLANK0000144221	275.9
No	WDTN	D31	DT	LIC	DAYTON, OH	BLANK0000126718	466.4
Yes	WBXX-TV	D31	DT	LIC	CROSSVILLE, TN	BLANK0000081641	223.9
No	WLMT	D31	DT	LIC	MEMPHIS, TN	BLCDT20050427ABN	279.6
No	WMJN-LD	D32	LD	LIC	Huntsville, AL	BLANK0000130267	170.5
No	WDRB	D32	DT	LIC	LOUISVILLE, KY	BLANK0000087865	270.4
No	W32EV-D	D32	DC	LIC	ADAMSVILLE, TN	BLANK0000121663	165.2
Yes	WNPX-TV	D32	DT	LIC	FRANKLIN, TN	BLANK0000087615	54.9

No non-directional AM stations found within 0.8 km  
 No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D31  
 Mask: Full Service  
 Latitude: 36 2 46.80 N (NAD83)  
 Longitude: 86 49 46.70 W  
 Height AMSL: 371.5 m  
 HAAT: 0.0 m  
 Peak ERP: 14.3 kW  
 Antenna: PS-PSILP120I (ID 1003768) 197.0 deg  
 Elev Pattn: Generic

50.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.29 kW	200.3 m	46.1 km
45.0	5.93	190.5	45.2
90.0	5.43	177.6	44.0
135.0	9.34	148.7	44.9
180.0	13.9	128.9	45.6

225.0	13.1	161.1	47.5
270.0	7.94	172.4	45.6
315.0	5.18	186.4	44.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 171 m

Distance to Canadian border: 721.3 km

Distance to Mexican border: 1473.9 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 141.1 degrees    Distance: 309.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 291.3 degrees    Distance: 1668.4 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%

Proposal causes 0.04% interference to BLANK0000159669 LIC scenario 2  
Proposal causes 0.42% interference to BLANK0000087442 LIC scenario 1  
Proposal causes 0.49% interference to BLANK0000081641 LIC scenario 1  
Proposal causes 0.17% interference to BLANK0000087615 LIC scenario 1

---- Below is IX received by proposal WWHL TEST- NEW FINAL ----

Proposal receives 11.49% interference from scenario 1

No IX check failures found.