

**Note:**  
**Study cell size: 1.00 km**  
**Profile point spacing: 0.10 km**

tvstudy v2.2.5 (V91R41)  
 Database: localhost, Study: WFDY\_ch32\_4DR-2HW, Model: Longley-Rice  
 Start: 2019.04.12 19:46:28

Study created: 2019.04.12 19:46:28

Study build station data: LMS TV 2019-04-11

Proposal: WFDY-LD D32 LD CP ALBANY, GA  
 File number: BLANK0000036236  
 Facility ID: 182925  
 Station data: User record  
 Record ID: 371  
 Country: U.S.

Build options:  
 Protect baseline records from LPTV

Search options:  
 Baseline record excluded if station has CP  
 All records for new LPTV stations excluded

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WQMK-LD	N18+	TX	LIC	CUSSETA, AL	BLTTL20100527ABG	169.8 km
No	W30BD	N30z	TX	LIC	EUFAULA, AL	BLTTL19960628JF	99.6
No	WAXC-LD	D31	LD	LIC	ALEXANDER CITY, AL	BLDTL20110329ABN	224.5
No	W31EB-D	D31	LD	CP	MIDLAND CITY, AL	BNPDTL20100510ALJ	130.1
No	WNCF	D31	DT	LIC	MONTGOMERY, AL	BLANK0000001319	252.9
No	K31PL-D	D31	LD	CP	MADISON, FL	BNPDTL20090825AHL	141.8
No	WDDM-LD	D31	LD	LIC	TALLAHASSEE, FL	BLANK0000001335	141.5
No	W31DS-D	D31	LD	CP	ASHBURN, GA	BNPDTL20100510ABE	52.9
No	WPCH-TV	D31	DT	CP	ATLANTA, GA	BLANK00000025264	248.2
No	WSWG	D31	DT	LIC	VALDOSTA, GA	BLANK00000063722	89.9
No	W31EE-D	D31	LD	CP	VALDOSTA, GA	BNPDTL20090825CAJ	116.7
No	WMUB-LD	D31	LD	CP	WARNER ROBINS, GA	BLANK00000054344	144.4
No	WAXC-LD	D32	LD	CP	ALEXANDER CITY, AL	BDISDTL20120831ABQ	224.5
No	WAAO-LD	D32	LD	CP	ANDALUSIA, AL	BLANK00000053714	218.0
No	W50BO	D32+	LD	CP	ASHVILLE, AL	BLANK00000054790	311.2
No	WBMA-LD	D32	LD	CP	BIRMINGHAM, AL	BLANK00000052973	326.9
No	WMJN-LD	D32	LD	CP	Somerville, AL	BLANK00000054506	413.5
No	W32EQ-D	D32	LD	CP	TUSCALOOSA, AL	BLANK00000010947	409.8
No	W40CQ-D	D32	LD	CP	ALACHUA, ETC., FL	BLANK00000053910	265.8
No	WHLV-TV	D32	DT	CP	COCOA, FL	BLANK00000034686	446.7
No	W50CO	D32-	LD	CP	JACKSONVILLE, FL	BLANK00000052065	279.6
No	W32ER-D	D32	LD	CP	MADISON, FL	BNPDTL20100513ALM	163.6
Yes	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	141.5
Yes	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK00000034812	243.6
No	WSB-TV	D32	LD	CP	ATLANTA, GA	BLANK00000054736	284.8
No	WDYH-LD	D32	LD	CP	AUGUSTA, GA	BLANK00000051602	300.6
No	W32DU-D	D32	LD	CP	Columbus, GA	BLANK00000009479	165.6
No	W32DU-D	D32	LD	LIC	Columbus, GA	BLDTL20140226AGL	172.2
No	W11DD-D	D32	LD	CP	HARTWELL & ROYSTON, GA	BLANK00000053811	325.4
No	WLOX	D32	DT	LIC	BILOXI, MS	BLANK00000059502	476.2
No	WJWJ-TV	D32	DT	CP	BEAUFORT, SC	BLANK00000025030	352.9
No	W14EP-D	N32+	TX	LIC	BEAUFORT, ETC., SC	BLTT19970401JB	337.5
No	WFRZ-LD	D33	LD	CP	MONTGOMERY, AL	BLANK00000053015	210.7
No	WDFX-TV	D33	DT	APP	OZARK, AL	BLANK00000035653	141.7
No	WDFX-TV	D33	DT	LIC	OZARK, AL	BLCDT20050915APH	141.7
No	W33DA-D	D33	LD	CP	PANAMA CITY, FL	BLANK00000011495	199.4
No	WPCT	D33	DT	LIC	PANAMA CITY BEACH, FL	BLANK00000062892	217.4
No	WUFX-LD	D33	LD	CP	TALLAHASSEE, FL	BLANK00000052521	111.6
No	W33DK-D	D33	LD	CP	ADEL, GA	BNPDTL20100510ABL	97.7
No	W33DU-D	D33	LD	CP	COLUMBUS, GA	BLANK00000013297	100.5
No	WJCN-LD	D33	LD	LIC	LAGRANGE, GA	BLDTL20130411AAA	181.9
No	WGNM	D33	DT	CP	MACON, GA	BLANK00000025320	144.4
No	WJDO-LD	D33	LD	CP	MACON, GA	BNPDTL20090825AWC	143.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32  
Mask: Full Service  
Latitude: 31 34 41.00 N (NAD83)  
Longitude: 84 11 5.50 W  
Height AMSL: 165.0 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: SCA 4DR-2HW 315.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.75

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.8 kW	102.6 m	43.2 km
45.0	7.67	97.1	39.6
90.0	0.006	102.0	8.9
135.0	0.006	106.3	9.1
180.0	0.006	108.0	9.2
225.0	7.56	109.3	40.9
270.0	13.2	101.9	42.9
315.0	15.0	90.1	42.1

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

Distance to Canadian border: 1130.4 km

Distance to Mexican border: 1387.2 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 348.9 degrees    Distance: 258.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 302.5 degrees    Distance: 2112.7 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%

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Interference to BLEDT20030730ACW LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	
Undesireds:	WFDY-LD	D32	LD	CP	ALBANY, GA	BLANK0000036236	141.5 km
	WDFX-TV	D33	DT	APP	OZARK, AL	BLANK0000035653	134.5
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
25382.8	575,093	25363.8	574,927	25362.8	574,899	25293.6    574,443	0.27    0.08
Undesired				Total IX	Unique IX, before	Unique IX, after	
WFDY-LD D32 LD CP				69.2    456	69.2    456		
WDFX-TV D33 DT APP				1.0    28	1.0    28	1.0    28	

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Interference to BLEDT20030730ACW LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	
Undesireds:	WFDY-LD	D32	LD	CP	ALBANY, GA	BLANK0000036236	141.5 km

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
25382.8	575,093	25363.8	574,927	25363.8	574,927	25294.6	574,471	0.27	0.08

Undesired		Total IX		Unique IX, before		Unique IX, after	
WFDY-LD D32 LD CP	69.2	456		69.2	456		

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Interference to BLANK0000034812 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	
Undesireds:	WFDY-LD	D32	LD	CP	ALBANY, GA	BLANK0000036236	243.6 km
	WPCH-TV	D31	DT	CP	ATLANTA, GA	BLANK0000025264	5.2
	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	379.3
	WAXN-TV	D32	DT	CP	KANNAPOLIS, NC	BLANK0000034696	372.1
	WNPX-TV	D32	DT	APP	COOKEVILLE, TN	BLANK0000068415	372.7
	WKPT-TV	D32	DT	CP	KINGSPORT, TN	BLANK0000068756	358.8
	WIRE-CD	D33	DC	CP	ATLANTA, GA	BLANK0000025104	2.2
	WGNM	D33	DT	CP	MACON, GA	BLANK0000025320	133.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
30398.3	5,898,752	29157.7	5,813,636	28947.2	5,789,223	28946.2	5,789,223	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
WFDY-LD D32 LD CP	9.0	587		1.0	0		
WPCH-TV D31 DT CP	36.8	17,006	36.8	17,006	36.8	17,006	
WFSU-TV D32 DT LIC	17.0	2,523	16.0	2,523	9.0	1,936	
WAXN-TV D32 DT CP	2.0	1,047	2.0	1,047	2.0	1,047	
WNPX-TV D32 DT APP	12.1	1,128	12.1	1,128	12.1	1,128	
WIRE-CD D33 DC CP	1.0	190	1.0	190	1.0	190	
WGNM D33 DT CP	142.7	2,519	141.7	2,519	141.7	2,519	

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Interference to BLANK0000034812 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSB-TV	D32	DT	CP	ATLANTA, GA	BLANK0000034812	
Undesireds:	WFDY-LD	D32	LD	CP	ALBANY, GA	BLANK0000036236	243.6 km
	WPCH-TV	D31	DT	CP	ATLANTA, GA	BLANK0000025264	5.2
	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	379.3
	WAXN-TV	D32	DT	CP	KANNAPOLIS, NC	BLANK0000034696	372.1
	WNPX-TV	D32	DT	CP	COOKEVILLE, TN	BLANK0000034404	355.7
	WKPT-TV	D32	DT	CP	KINGSPORT, TN	BLANK0000068756	358.8
	WIRE-CD	D33	DC	CP	ATLANTA, GA	BLANK0000025104	2.2
	WGNM	D33	DT	CP	MACON, GA	BLANK0000025320	133.9

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
30398.3	5,898,752	29157.7	5,813,636	28930.2	5,788,693	28929.2	5,788,693	0.00	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
WFDY-LD D32 LD CP	9.0	587		1.0	0		
WPCH-TV D31 DT CP	36.8	17,006	36.8	17,006	36.8	17,006	
WFSU-TV D32 DT LIC	17.0	2,523	16.0	2,523	9.0	1,936	
WAXN-TV D32 DT CP	2.0	1,047	2.0	1,047	2.0	1,047	
WNPX-TV D32 DT CP	29.1	1,658	29.1	1,658	29.1	1,658	
WIRE-CD D33 DC CP	1.0	190	1.0	190	1.0	190	
WGNM D33 DT CP	142.7	2,519	141.7	2,519	141.7	2,519	

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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFDY-LD	D32	LD	CP	ALBANY, GA	BLANK0000036236	
Undesireds:	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	141.5 km
	W32DU-D	D32	LD	CP	Columbus, GA	BLANK0000009479	165.6
	WDFX-TV	D33	DT	APP	OZARK, AL	BLANK0000035653	141.7

Service area		Terrain-limited		IX-free		Percent IX	
3545.5	129,512	3544.5	129,512	3528.4	129,200	0.46	0.24

Undesired		Total IX		Unique IX	Prcnt Unique IX
WFSU-TV D32 DT LIC	16.2	312	16.2	312	0.46 0.24