

Study created: 2018.03.30 20:28:52

Study build station data: LMS TV 2018-03-29

Proposal: WKBJ-LD D23 (D20) LD LIC Jacksonville, FL

File number: WKBJ-DISP

Facility ID: 182931

Station data: User record

Record ID: 654

Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W22EF-D	D22	LD	CP	LAKE CITY, FL	BMPDTL20120316ADB	121.7 km
No	WVEN-TV	D22	DT	CP	MELBOURNE, FL	BLANK0000026109	193.5
No	WVEN-TV	D22	DT	APP	MELBOURNE, FL	BLANK0000034008	193.5
No	WTWC-TV	D22	DT	CP	TALLAHASSEE, FL	BLANK0000034393	235.0
No	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	199.2
No	W22ER-D	D22	LD	CP	VALDOSTA, GA	BNPDTL20100510ACB	173.9
No	WRGX-LD	D23	LD	LIC	DOTHAN, AL	BLDTL20130531ATB	406.0
Yes	WKCF	D23	DT	CP	CLERMONT, FL	BLANK0000034532	193.5
No	WUOF-LD	D23	LD	CP	GAINESVILLE, FL	BLANK0000021138	99.0
No	WUOF-LD	D23	LD	LIC	GAINESVILLE, FL	BLDTL20111207AAM	99.0
No	W23AQ	N23-	TX	LIC	LAKE CITY, FL	BLTT19931215JE	114.4
No	NEW	D23	LD	APP	MADISON, FL	BNPDTL20090825AHQ	191.7
No	NEW	D23	LD	APP	PANAMA CITY, FL	BNPDTL20090825ASZ	380.4
No	W23CN-D	D23	LD	LIC	SEBRING, FL	BLDTT20090903AAH	314.1
No	W23EF-D	D23	LD	CP	TALLAHASSEE, FL	BLANK0000013251	260.9

No	WQDU-LD	D23	LD CP	ALBANY, GA	BLANK0000036643	302.6
No	WQDU-LD	D23	LD LIC	ALBANY, GA	BLDTL20150112ACP	287.1
No	W23EE-D	D23	LD CP	ASHBURN, GA	BNPDTL20100510ABC	257.7
No	WAAU-LD	D23	LD LIC	AUGUSTA, GA	BLDTL20120522AFJ	358.1
No	WPGA-TV	D23	DT CP	PERRY, GA	BLANK0000028377	333.7
No	NEW	D23	LD APP	VALDOSTA, GA	BNPDTL20090825AHJ	178.9
No	WESH	D24	LD LIC	DAYTONA BEACH, FL	BLCDT20110401ACE	129.4
No	W24DM-D	D24	LD CP	GAINESVILLE, FL	BPDTL20140612ADK	134.6
No	W24DM-D	D24	LD LIC	GAINESVILLE, FL	BLDTL20140224AGL	134.9
No	WYKE-CD	D24	DC CP	INGLIS/YANKEETOWN, FL	BLANK0000034911	180.4
No	W24EA-D	D24	LD CP	JENNINGS, FL	BNPDTL20100510ACC	153.2
No	WDSC-TV	D24	DT CP	NEW SMYRNA BEACH, FL	BLANK0000028317	191.6
No	WTLF	D24	DT APP	TALLAHASSEE, FL	BLANK0000035775	235.0
No	WTLF	D24	DT LIC	TALLAHASSEE, FL	BLCDT20030303ABF	274.7
No	WPXC-TV	D24	DT LIC	BRUNSWICK, GA	BLCDT20110426AAQ	63.6
No	WWRJ-LP	N27-	TX LIC	JACKSONVILLE, FL	BLTTL20140115AAF	13.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D23

Mask: Full Service

Latitude: 30 16 35.30 N (NAD83)

Longitude: 81 33 50.70 W

Height AMSL: 108.8 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: DIE TUA-C3 260.0 deg

Elev Pattn: Generic

Elec Tilt: 0.75

49.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.3 kW	100.6 m	44.4 km
45.0	1.26	100.3	31.9
90.0	0.040	101.7	14.9
135.0	6.22	100.1	39.9
180.0	14.3	103.1	44.4
225.0	9.04	106.8	42.5
270.0	14.8	105.0	44.8
315.0	8.71	104.6	42.1

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 103 m

Distance to Canadian border: 1269.3 km

Distance to Mexican border: 1578.2 km

Conditions at FCC monitoring station: Vero Beach FL

Bearing: 162.8 degrees Distance: 310.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 303.5 degrees Distance: 2401.0 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%

No IX check failures found.