

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Jennings23d0.2kwincSam460at315fD2, Model: Longley-Rice

Start: 2022.06.29 07:04:58

Study created: 2022.06.29 07:04:58

Study build station data: LMS TV 2022-06-26

Proposal: W23FJ-D D23 LD CP JENNINGS, FL

Facility ID: 186183

Station data: User record

Record ID: 2175

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	WUBF-LD	D22	LD	LIC	JACKSONVILLE, FL	BLANK0000068178	126.1 km
No	WFGZ-LD	D22	LD	LIC	LAKE CITY, FL	BLANK00000117656	73.2
No	WFGZ-LD	D22	LD	CP	LAKE CITY, FL	BLANK00000130103	116.5
No	WVEN-TV	D22	DT	LIC	MELBOURNE, FL	BLANK00000100080	273.0
No	WTWC-TV	D22	DT	LIC	TALLAHASSEE, FL	BLANK00000118579	102.6
No	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK00000029019	235.6
No	WRGX-LD	D23	LD	LIC	DOTHAN, AL	BLDTL20130531ATB	273.3
No	WDPM-DT	D23	DT	LIC	MOBILE, AL	BLCDT20090420AAD	447.5
No	WQAP-LD	D23	LD	LIC	MONTGOMERY, AL	BLANK00000115788	397.8
No	WKCF	D23	DT	LIC	CLERMONT, FL	BLANK00000143772	273.0
No	WKBJ-LD	D23	LD	LIC	Jacksonville, FL	BLANK00000108066	133.0
No	DW23AQ	N23-	TX	APP	LAKE CITY, FL	BLTT19931215JE	35.4
No	W23FF-D	D23	LD	CP	MADISON, FL	BNPDTL20090825AHQ	59.2
No	WSVT-LD	D23	LD	LIC	TAMPA, FL	BLANK00000130246	298.4
No	W48DU-D	D23	LD	CP	ALBANY, GA	BLANK00000193082	162.5
No	WZVC-LD	D23	LD	CP	ATHENS, GA	BLANK00000185000	385.6
No	WAAU-LD	D23	LD	LIC	AUGUSTA, GA	BLDTL20120522AFJ	348.8
No	W23EV-D	D23	LD	LIC	CARROLLTON, GA	BLANK00000125385	398.9
No	WAUA-LD	D23	LD	LIC	COLUMBUS, GA	BLANK00000189629	301.1
No	WKTb-CD	D23	DC	LIC	NORCROSS, GA	BLANK00000081811	404.5
No	WPGA-TV	D23	DT	LIC	PERRY, GA	BLANK00000116580	263.7

No	WTOC-TV	D23	DT	CP	SAVANNAH, GA	BLANK0000149921	234.6
No	W23FI-D	D23	LD	LIC	VALDOSTA, GA	BLANK0000158118	52.8
No	WAZS-LD	D23	LD	CP	NORTH CHARLESTON, SC	BLANK0000054749	385.3
No	WYKE-CD	D24	DC	LIC	INGLIS/YANKEETOWN, FL	BLANK0000099919	177.4
No	WDSC-TV	D24	DT	LIC	NEW SMYRNA BEACH, FL	BLANK0000090505	272.6
No	WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	102.6
No	WTLF	D24	DT	LIC	TALLAHASSEE, FL	BLCDT20030303ABF	141.9
No	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	122.4

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 26 18.00 N (NAD83)
 Longitude: 82 56 16.00 W
 Height AMSL: 58.0 m (Adjusted based on actual ground elevation calculation)
 HAAT: 0.0 m
 Peak ERP: 0.200 kW
 Antenna: SAM-SAM-460 (ID 1004146) 315.0 deg
 Elev Pattn: Generic

49.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.001 kW	16.7 m	3.5 km
45.0	0.000	17.9	3.3
90.0	0.000	14.0	3.3
135.0	0.000	25.3	3.3
180.0	0.000	21.9	3.3
225.0	0.000	24.5	3.3
270.0	0.001	34.5	3.7
315.0	0.200	25.6	12.1

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 23 m

Distance to Canadian border: 1249.3 km

Distance to Mexican border: 1455.7 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 144.0 degrees Distance: 386.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 304.2 degrees Distance: 2281.6 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 proposal scenario 1
**MX: 92.38% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W23FJ-D	D23	LD	CP	JENNINGS, FL		
Undesireds:	WFGZ-LD	D22	LD	LIC	LAKE CITY, FL	BLANK0000117656	73.2 km
	WKCF	D23	DT	LIC	CLERMONT, FL	BLANK0000143772	273.0
	DW23AQ	N23-	TX	APP	LAKE CITY, FL	BLTT19931215JE	35.4
	W23FF-D	D23	LD	CP	MADISON, FL	BNPDTL20090825AHQ	59.2
	WTOC-TV	D23	DT	CP	SAVANNAH, GA	BLANK0000149921	234.6
	WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	102.6

Service area	Terrain-limited	IX-free	Percent IX
94.9 3,707	80.9 3,636	30.0 277	62.96 92.38

Undesired	Total IX	Unique IX	Prcnt Unique IX
WKCF D23 DT LIC 2.0 2 0.0 0 0.00 0.00			
DW23AQ N23- TX APP 51.0 3,359 45.0 3,357 55.55 92.33			
W23FF-D D23 LD CP 4.0 2 0.0 0 0.00 0.00			
WTOC-TV D23 DT CP 4.0 2 0.0 0 0.00 0.00			

