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

Proposal: WQFT-LD D18 LD STA OCALA, FL
File number: BLANK0000085725
Facility ID: 185537
Station data: User record
Record ID: 127
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WVCJ-LP	N16+	TX	LIC	ORLANDO, FL	BLTTL20030522AGC	89.0 km
No	WPXB-LD	D17	LD	CP	DAYTONA BEACH, FL	BLANK0000072059	85.5
No	WFXU	D17	DT	LIC	LIVE OAK, FL	BLANK0000112143	178.7
No	W17EL-D	D17	LD	CP	OCALA, FL	BNPDTL20090825AMY	34.3
No	WFTS-TV	D17	DT	LIC	TAMPA, FL	BLANK0000098995	150.6
No	W17DQ-D	D17	LD	LIC	WAYCROSS, GA	BLANK0000115930	197.3
No	W17DQ-D	D17	LD	CP	WAYCROSS, GA	BLANK0000116355	160.9
Yes	WESH	D18	LD	CP	DAYTONA BEACH, FL	BLANK0000080453	75.3
No	WESH	D18	LD	LIC	DAYTONA BEACH, FL	BLCDT20130722ABS	75.3
No	WTCE-TV	D18	DT	LIC	FORT PIERCE, FL	BLANK0000072132	301.3
Yes	W18FA-D	D18	LD	CP	GAINESVILLE, FL	BNPDTL20090825AOI	56.1
Yes	WJXT	D18	DT	LIC	JACKSONVILLE, FL	BLANK0000097950	129.9
No	WUJX-LD	D18	LD	LIC	JACKSONVILLE, FL	BLDTL20150220AAS	130.1
Yes	WMOR-TV	D18	DT	LIC	LAKELAND, FL	BLANK0000105369	153.1
No	W18EI-D	D18	LD	CP	MARIANNA, FL	BNPDTL20090825AWL	357.8
No	W17DG-D	D18	LD	CP	MIAMI, FL	BLANK0000053955	399.3
No	W17DG-D	D18	LD	CP	MIAMI, FL	BLANK0000071664	399.1
No	WTXI-LD	D18	LD	CP	MIAMI, FL	BLANK0000068071	399.1
No	NEW	D18	LD	APP	MONTICELLO, FL	BNPDTL20090825BMH	235.4
No	WUVF-LD	D18	LD	CP	NAPLES, FL	BLANK0000078135	317.5
No	WUVF-LD	D18	LD	LIC	NAPLES, FL	BLDTL20140313ABX	319.5
No	NEW	D18	LD	APP	QUINCY, FL	BNPDTL20090825AMN	288.8
No	W18EA-D	D18	LD	CP	SEBASTIAN, FL	BNPDTL20100402ACV	221.4
No	NEW	D18	LD	APP	TALLAHASSEE, FL	BNPDTL20090825ALY	260.9
No	WUEE-LD	D18	LD	CP	ALBANY, GA	BLANK0000013290	321.8
No	W18ED-D	D18	LD	CP	CHULA, GA	BNPDTL20100510ABF	299.5
No	WPGA-LP	D18-	LD	CP	MACON, GA	BLANK0000053605	422.2
No	WUET-LD	D18	LD	LIC	Savannah, GA	BLANK0000106517	331.0
No	WESH	D19	LD	LIC	DAYTONA BEACH, FL	BLANK0000074849	12.2
No	W19EX-D	D19	LD	CP	GAINESVILLE, FL	BNPDTL20090825ANR	56.1
No	WJAX-TV	D19	DT	LIC	JACKSONVILLE, FL	BLCDT20030328ANV	130.1

No	W32DJ-D	D19	LD	CP	MELBOURNE, FL	BLANK0000052050	174.6
No	WFTV	D19	LD	CP	ORLANDO, FL	BLANK0000053175	101.2
No	WFTV	D19	LD	LIC	ORLANDO, FL	BLANK0000108207	101.2
No	WTOG	D19	DT	CP	ST. PETERSBURG, FL	BLANK0000112762	150.1
No	WTOG	D19	DT	BL	ST. PETERSBURG, FL	DTVBL74112	152.1
No	WTLH	D19	DT	CP	BAINBRIDGE, GA	BLANK0000105738	249.8
No	WTLH	D19	DT	BL	BAINBRIDGE, GA	DTVBL23486	249.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18
 Mask: Full Service
 Latitude: 29 10 59.50 N (NAD83)
 Longitude: 82 2 17.10 W
 Height AMSL: 154.0 m
 HAAT: 0.0 m
 Peak ERP: 0.800 kW
 Antenna: SWR SW8 (ID 18195) 250.0 deg
 Elev Pattn: Generic

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.370 kW	135.9 m	29.0 km
45.0	0.274	142.5	27.9
90.0	0.288	133.7	27.6
135.0	0.375	140.6	29.4
180.0	0.620	130.7	31.3
225.0	0.800	127.9	32.4
270.0	0.753	123.4	31.8
315.0	0.525	132.5	30.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 133 m

Distance to Canadian border: 1389.0 km

Distance to Mexican border: 1508.1 km

Conditions at FCC monitoring station: Vero Beach FL

Bearing: 141.6 degrees Distance: 222.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 306.1 degrees Distance: 2432.9 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

----- Below is IX received by proposal BLANK0000085725 -----

Proposal receives 4.08% interference from scenario 1

Proposal receives 6.81% interference from scenario 2

No IX check failures found.