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Study build station data: LMS TV 2022-04-04

Proposal: WQFT-LD D18 LD CP OCALA, FL
File number: BLANK0000135174
Facility ID: 185537
Station data: User record
Record ID: 1846
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WPXB-LD	D17	LD	LIC	DAYTONA BEACH, FL	BLANK0000157385	94.2 km
No	WJVF-LD	D17	LD	CP	Jacksonville, FL	BLANK0000157569	165.5
No	WFXU	D17	DT	LIC	LIVE OAK, FL	BLANK0000112143	210.6
No	W17EL-D	D17	LD	CP	OCALA, FL	BNPDTL20090825AMY	62.7
No	DWHRT-LD	D17z	LD	APP	SEBRING, ETC., FL	BLANK0000013279	163.0
Yes	WFTS-TV	D17	DT	LIC	TAMPA, FL	BLANK0000125994	113.7
Yes	WESH	D18	LD	LIC	DAYTONA BEACH, FL	BLANK0000121420	72.3
No	WTCE-TV	D18	DT	LIC	FORT PIERCE, FL	BLANK0000072132	273.7
Yes	W18FA-D	D18	LD	CP	GAINESVILLE, FL	BNPDTL20090825AOI	79.7
Yes	WJXT	D18	DT	LIC	JACKSONVILLE, FL	BLANK0000097950	165.5
Yes	WMOR-TV	D18	DT	LIC	LAKELAND, FL	BLANK0000125736	116.2
No	W18EI-D	D18	LD	CP	MARIANNA, FL	BNPDTL20090825AWL	376.7
No	WTXI-LD	D18	LD	LIC	MIAMI, FL	BLANK0000161376	367.2
No	W18EU-D	D18	LD	LIC	MIAMI, FL	BLANK0000185845	367.2
No	WUVF-LD	D18	LD	LIC	NAPLES, FL	BLANK0000120837	280.7
No	W18EA-D	D18	LD	CP	SEBASTIAN, FL	BNPDTL20100402ACV	197.7
No	WUEE-LD	D18	LD	CP	ALBANY, GA	BLANK0000013290	351.0
No	WUET-LD	D18	LD	LIC	SAVANNAH, GA	BLANK0000106517	367.7
No	WESH	D19	LD	LIC	DAYTONA BEACH, FL	BLANK0000074849	43.4
No	NEW	D19	LD	CP	GAINESVILLE, FL	BNPDTL20090825ANR	79.7
No	WJAX-TV	D19	DT	LIC	JACKSONVILLE, FL	BLCDT20030328ANV	165.9
No	W32DJ-D	D19	LD	CP	MELBOURNE, FL	BLANK0000150182	153.7
No	WFTV	D19	LD	LIC	ORLANDO, FL	BLANK0000108207	95.9
No	WTOG	D19	DT	LIC	ST. PETERSBURG, FL	BLANK0000151372	113.2
No	WMMF-LD	D19+	LD	LIC	VERO BEACH, FL	BLANK0000156792	199.2
No	WTLH	D19	DT	LIC	BAINBRIDGE, GA	BLANK0000119592	275.3

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: 28 50 56.00 N (NAD83)
Longitude: 82 3 7.50 W
Height AMSL: 106.9 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: SWR SWEDL6NCRR/18 (ID 1007829) 0.0 deg
Elev Pattn: Generic

49.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	83.1 m	42.6 km
45.0	6.73	86.5	39.2
90.0	0.384	81.2	24.0
135.0	0.002	82.8	6.2
180.0	0.002	86.2	6.3
225.0	0.002	93.0	6.5
270.0	0.384	92.9	25.4
315.0	6.73	84.0	38.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 86 m

Distance to Canadian border: 1426.1 km

Distance to Mexican border: 1500.7 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 134.5 degrees Distance: 195.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 306.8 degrees Distance: 2453.9 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: 0.10 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 BLANK0000135174 ----

Proposal receives 17.13% interference from scenario 1
No IX check failures found.