

Study created: 2017.10.27 08:25:00

Study build station data: LMS TV 2017-10-26 (56)

Proposal: WFXU D17 DT CP LIVE OAK, FL
File number: ASR 1026898
Facility ID: 22245
Station data: User record
Record ID: 1985
Country: U.S.
Zone: III

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WLGA	D17	DT	CP	OPELIKA, AL	BLANK0000028626	241.5 km
WLGA	D17	DD	APP	OPELIKA, AL	BLANK0000030376	317.5
WLGA	D17	DD	CP	OPELIKA, AL	BLANK0000030376	317.5
WLGA	D17	DT	BL	OPELIKA, AL	DTVBL11113	241.5
WEAR-TV	D17	DT	LIC	PENSACOLA, FL	BLCDT20050627AAK	392.1
WFTS-TV	D17	DT	CP	TAMPA, FL	BLANK0000026825	313.0
WFTS-TV	D17	DT	BL	TAMPA, FL	DTVBL64588	312.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17
Latitude: 30 25 18.00 N (NAD83)
Longitude: 83 33 19.50 W
Height AMSL: 149.4 m
HAAT: 117.8 m
Peak ERP: 1000 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 0.8

39.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1000 kW	117.1 m	79.0 km
45.0	1000	116.2	78.9
90.0	1000	114.8	78.8
135.0	1000	114.5	78.8
180.0	1000	117.1	79.0
225.0	1000	121.8	79.5
270.0	1000	121.0	79.4
315.0	1000	119.6	79.3

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1253.4 km

Distance to Mexican border: 1398.5 km

Conditions at FCC monitoring station: Powder Springs GA

Bearing: 344.3 degrees Distance: 397.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 304.7 degrees Distance: 2233.8 km

No land mobile station failures found

Study cell size: 2.00 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%

Proposal receives 0.99% interference from scenario 1

Proposal receives 0.99% interference from scenario 4

No IX check failures found.