

FIGURE 3 FCC TVSTUDY SUMMARY REPORT

Proposal: WFGZ-LD D22 LD APP LAKE CITY, FL
 File number: WFGZ-LO MOD OF CP
 Facility ID: 189670
 Station data: User record
 Record ID: 721
 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	WCLF	D21	DT	LIC	CLEARWATER, FL	BLANK0000224257	201.0 km
No	WDYB-CD	D21	DC	LIC	DAYTONA BEACH, FL	BLANK0000106571	145.0
No	WJEB-TV	D21	DT	LIC	JACKSONVILLE, FL	BLANK0000105949	120.9
No	WKME-CD	D21	DC	LIC	KISSIMMEE, FL	BLANK0000090448	174.8
No	WKMG-LD	D21	LD	LIC	OCALA, FL	BLANK0000087100	62.4
No	W21AU-D	D21	LD	LIC	ORLANDO, FL	BLANK0000025170	185.5
No	W21EH-D	D21	LD	CP	TALLAHASSEE, FL	BLANK0000215027	188.6
No	W21FL-D	D21	LD	LIC	VALDOSTA, GA	BLANK0000177717	130.0
No	WCOV-TV	D22	DT	LIC	MONTGOMERY, AL	BLANK0000115937	430.4
No	WGSU	D22	DT	LIC	FORT MYERS, FL	BLANK0000107706	322.8
No	WGFS-LD	N22-	TX	CP	FORT MYERS, FL	BPTTL20140501ACL	361.3
Yes	WUBF-LD	D22	LD	LIC	JACKSONVILLE, FL	BLANK0000068178	115.3
Yes	WVEN-TV	D22	DT	LIC	MELBOURNE, FL	BLANK0000100080	185.5
No	WFOR-TV	D22	DT	LIC	MIAMI, FL	BLANK0000205002	468.0
No	WPFN-CD	D22	DC	LIC	PANAMA CITY, FL	BLANK0000062893	315.0
Yes	WTWC-TV	D22	DT	LIC	TALLAHASSEE, FL	BLANK0000118579	178.1
No	WARP-CD	D22	DC	LIC	TAMPA-ST. PETERSBURG, FL	BLANK0000132166	196.0
No	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	294.5
No	WKCF	D23	DT	LIC	CLERMONT, FL	BLANK0000143772	185.5
No	WKBJ-LD	D23	LD	LIC	Jacksonville, FL	BLANK0000108066	120.9
No	W23FJ-D	D23	LD	LIC	JENNINGS, FL	BLANK0000194407	96.5
No	DW23AQ	N23-	TX	APP	LAKE CITY, FL	BLTT19931215JE	61.8
No	WTBZ-LD	N29z	TX	LIC	GAINESVILLE, FL	BLTTL20050907ABX	23.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22
 Mask: Full Service
 Latitude: 29 37 47.70 N (NAD83)
 Longitude: 82 34 24.00 W
 Height AMSL: 209.5 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: PSI-PSILP160I (ID 20399) 70.0 deg
 Elev Pattnr: Generic

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.66 kW	183.3 m	47.7 km
45.0	14.0	176.7	49.8
90.0	14.4	184.5	50.4
135.0	9.36	185.3	48.2
180.0	5.58	188.1	45.8
225.0	6.34	189.9	46.5
270.0	6.53	182.2	46.2
315.0	5.49	184.4	45.5

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 184 m

Distance to Canadian border: 1339.0 km
Distance to Mexican border: 1467.1 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 139.5 degrees Distance: 293.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 305.6 degrees Distance: 2361.8 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%

Proposal causes no interference to BLANK0000068178 LIC
Proposal causes 0.08% interference to BLANK0000100080 LIC scenario 1
Proposal causes 0.27% interference to BLANK0000118579 LIC scenario 1

---- Below is IX received by proposal WFGZ-LO MOD OF CP ----

Proposal receives 0.18% interference from scenario 1

No IX check failures found.