

Study created: 2021.06.07 09:23:08

Study build station data: LMS TV 2021-05-27

Proposal: W07DU-D D7 LD CP PENSACOLA, FL  
File number: BLANK0000071794  
Facility ID: 187939  
Station data: User record  
Record ID: 887  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WVTM-TV	D7	DT	LIC	BIRMINGHAM, AL	BLANK0000118122	317.5 km
No	W07DY-D	D7	LD	CP	MONTGOMERY, AL	BNPDTL20100402ACX	201.7
No	W07DW-D	D7	LD	CP	TALLAHASSEE, FL	BLANK0000072471	266.1
No	WGTV	D7	DT	LIC	ATHENS, GA	BLANK0000132560	444.9
No	WACS-TV	D7	DT	LIC	DAWSON, GA	BLANK0000131843	276.9
No	WXGA-TV	D7	DT	LIC	WAYCROSS, GA	BLANK0000113481	430.7
No	WDAM-TV	D7	DT	LIC	LAUREL, MS	BLCDT20100129ABY	231.6
No	WSFA	D8	DT	LIC	MONTGOMERY, AL	BLANK0000124224	170.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D7  
Mask: Simple  
Latitude: 30 38 31.00 N (NAD83)  
Longitude: 87 2 40.00 W  
Height AMSL: 38.0 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 0.350 kW  
Antenna: SAM-SAM-460 (ID 1004146) 225.0 deg  
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	-11.6 m	1.9 km
45.0	0.000	12.7	1.9

90.0	0.000	0.8	1.9
135.0	0.000	31.7	1.9
180.0	0.002	32.0	5.3
225.0	0.350	20.5	18.3
270.0	0.002	2.8	5.2
315.0	0.000	-6.6	1.9

Database HAAT does not agree with computed HAAT  
 Database HAAT: 0 m    Computed HAAT: 10 m

Distance to Canadian border: 1287.0 km

Distance to Mexican border: 1096.5 km

Conditions at FCC monitoring station: Powder Springs GA  
 Bearing: 30.7 degrees    Distance: 419.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
 Bearing: 307.7 degrees    Distance: 1949.6 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%

----- Below is IX received by proposal BLANK0000071794 -----

Proposal receives 2.28% interference from scenario 1  
 No IX check failures found.