

FI 184058 W44DD-D Ch 32
Valdosta

Minor Change to change ASR, reduce ERP, change antenna make and model. Controlled access site, no new construction.

ASR 1261162 is 174 km from Jacksonville, FL.

Study created: 2022.07.05 17:03:29

Study build station data: LMS TV 2022-07-04

Proposal: W44DD-D D32 LD CP VALDOSTA, GA
File number: asar 1261162 200w@190
Facility ID: 184058
Station data: User record
Record ID: 1141
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	WODH-LD	D31	LD	LIC	Jacksonville, FL	BLANK0000108060	185.1 km
No	K31PL-D	D31	LD	CP	MADISON, FL	BNPDTL20090825AHL	86.6
No	WOGX	D31	DT	LIC	OCALA, FL	BLCDT20020730ABS	216.0
No	WSWG	D31	DT	LIC	VALDOSTA, GA	BLANK0000063722	14.5
No	WSWG	D31	DT	APP	VALDOSTA, GA	BLANK0000149841	14.5
No	WMUB-LD	D31	LD	LIC	WARNER ROBINS, GA	BLANK0000135124	182.9
No	WAXC-LD	D32	LD	CP	ALEXANDER CITY, AL	BDISDTL20120831ABQ	325.6
No	WAAO-LD	D32	LD	LIC	ANDALUSIA, AL	BLANK0000155416	309.7
No	DW50BO	D32+	LD	APP	ASHVILLE, AL	BLANK0000054790	407.2
No	WBMA-LD	D32	LD	LIC	BIRMINGHAM, AL	BLANK0000120220	428.7
No	W32FJ-D	D32	LD	CP	MONTGOMERY, AL	BLANK0000073393	313.1
No	W32FJ-D	D32	LD	APP	MONTGOMERY, AL	BLANK0000194235	325.8
No	WACX-LD	D32	LD	LIC	ALACHUA, ETC., FL	BLANK0000120906	179.3
No	WHLV-TV	D32	DT	LIC	COCOA, FL	BLANK0000100511	350.9
No	W5OCO	D32-	LD	CP	JACKSONVILLE, FL	BLANK0000149468	184.9
No	W32FH-D	D32	LD	LIC	ST. PETERSBURG, FL	BLANK0000136645	369.0
No	WFSU-TV	D32	DT	LIC	TALLAHASSEE, FL	BLEDT20030730ACW	159.2
No	WSB-TV	D32	DT	LIC	ATLANTA, GA	BLANK0000153268	310.3
No	W32FV-D	D32	LD	LIC	COLUMBUS, GA	BLANK0000180159	214.8
No	W32FE-D	D32	LD	LIC	HARTWELL & ROYSTON, GA	BLANK0000153394	353.1
No	W32FN-D	D32	LD	LIC	MACON, GA	BLANK0000179563	181.3
No	WJWJ-TV	D32	DT	LIC	BEAUFORT, SC	BLANK0000100564	295.9
No	WSCG-LD	N32+	TX	LIC	BEAUFORT, ETC., SC	BLTT19970401JB	272.7
No	WDFX-TV	D33	DT	CP	OZARK, AL	BLANK0000035653	228.0
No	WDFX-TV	D33	DT	LIC	OZARK, AL	BLCDT20050915APH	228.0
No	WUJF-LD	D33	LD	LIC	JACKSONVILLE, FL	BLANK0000164521	185.1
No	W33EN-D	D33	LD	CP	MADISON, FL	BNPDTL20090825AHE	86.6
No	WPCT	D33	DT	LIC	PANAMA CITY BEACH, FL	BLANK0000062892	267.4
No	WNXG-LD	D33	LD	LIC	TALLAHASSEE, FL	BLANK0000129630	113.4
No	W33EO-D	D33	LD	CP	TALLAHASSEE, FL	BNPDTL20090825ALP	125.0
No	WTSG-LD	D33	LD	LIC	CHULA, GA	BLANK0000179394	64.7
No	WTSG-LD	D33	LD	CP	CHULA, GA	BLANK0000190120	64.7
No	WGNM	D33	DT	LIC	MACON, GA	BLANK0000113679	182.9
No	WDID-LD	D33	LD	LIC	SAVANNAH, GA	BLANK0000106516	208.4
No	W33EV-D	D33	LD	CP	VALDOSTA, GA	BLANK0000191332	35.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32
Mask: Simple
Latitude: 31 8 40.40 N (NAD83)
Longitude: 83 13 0.80 W
Height AMSL: 76.0 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.200 kW
Antenna: SBP-UPSL (ID 100733) 190.0 deg
Elev Pattn: Generic

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	3.8 m	3.0 km
45.0	0.000	6.6	3.0
90.0	0.000	14.7	3.0
135.0	0.024	12.3	6.9
180.0	0.168	16.6	11.0
225.0	0.080	11.7	9.2
270.0	0.000	10.1	2.6
315.0	0.000	8.0	3.0

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

Distance to Canadian border: 1171.6 km

Distance to Mexican border: 1454.9 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 335.3 degrees Distance: 333.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 302.8 degrees Distance: 2216.0 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 asar 1261162 200w@190 ----

Proposal receives 6.06% interference from scenario 1
**MX with BLANK0000149841 APP scenario 2, 6.06% interference received

W36FI-D.C

0000071818

Latitude: 31-10-18.70 N

Longitude: 083-21-56.60 W

ERP: 15.00 kW

Channel: 36

Frequency: 605.0 MHz

AMSL Height: 252.2 m

Elevation: 69.2 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 1.0

Mech Tilt: 1.0

Tilt Azi: 230.0

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0

Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast



Line of Sight

