

Minor Modification Amendment  
Change location to ASR 1221220

Study created: 2022.06.27 13:07:26

Study build station data: LMS TV 2022-06-23

Proposal: W22EC-D D22 LD CP LA GRANGE, GA  
File number: ASr 1221220 @ 25  
Facility ID: 184263  
Station data: User record  
Record ID: 1160  
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	DDW15AZ	N15-	TX	APP	ALABASTER, AL	BLTTL19940809IB	154.4 km
No	WAUT-LD	D21	LD	LIC	AUBURN, AL	BLANK0000179315	36.1
No	WDHN	D21	DT	LIC	DOTHAN, AL	BLCDT20090303ACR	179.6
No	WTTO	D21	DT	LIC	HOMEWOOD, AL	BLANK0000192390	165.8
No	WETU-LD	D21	LD	LIC	MONTGOMERY, AL	BLANK0000132463	117.7
No	WABE-TV	D21	DT	LIC	ATLANTA, GA	BLANK0000143418	128.3
No	DWANX-LP	D21+	LD	APP	COLUMBUS, GA	BLANK0000071786	56.2
No	W21EN-D	D21	LD	LIC	MACON, GA	BLANK0000190020	153.1
No	WKSJ-LD	D21	LD	LIC	SUMMERVILLE/TRION, GA	BLDTL20100104AAD	179.8
No	WFIQ	D22	DT	LIC	FLORENCE, AL	BLEDT20060718ACG	306.8
No	WCOV-TV	D22	DT	LIC	MONTGOMERY, AL	BLANK0000115937	133.5
No	WEEL-LD	D22	LD	CP	TUSCALOOSA, AL	BLANK0000178484	271.6
No	WSWH-LD	D22	LD	LIC	TUSCALOOSA, AL	BLANK0000074562	165.8
No	WDES-CD	D22	DC	LIC	DESTIN, FL	BLANK0000059931	300.1
No	WPFN-CD	D22	DC	LIC	PANAMA CITY, FL	BLANK0000062893	302.2
No	WCTU-LD	D22	LD	LIC	PENSACOLA, FL	BLANK0000189389	328.5
No	WCTU-LD	D22	LD	CP	PENSACOLA, FL	BLANK0000150184	328.5
No	WTWC-TV	D22	DT	LIC	TALLAHASSEE, FL	BLANK0000118579	267.6
Yes	WHSJ-TV	D22	DT	LIC	MONROE, GA	BLANK0000081582	125.7
No	WJCL	D22	DT	LIC	SAVANNAH, GA	BLANK0000029019	372.1
No	WHLT	D22	DT	LIC	HATTIESBURG, MS	BLANK0000068599	413.4
No	W22EP-D	D22	LD	CP	STARKVILLE, MS	BNPDTL20100512AIH	339.7
No	WACH	D22	DT	LIC	COLUMBIA, SC	BLANK0000093772	433.8
No	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	369.3
No	WCTD-LD	D22	LD	LIC	DUCKTOWN, TN	BLANK0000185309	210.0
No	WCTD-LD	N22-	TX	LIC	DUCKTOWN, TN	BLTTL20070622ADD	252.2
No	DDWJZC-LP	N22+	TX	APP	SEVIERVILLE, TN	BLTTL19901017JE	368.5
No	WRGX-LD	D23	LD	LIC	DOTHAN, AL	BLDTL20130531ATB	221.1
No	WQAP-LD	D23	LD	LIC	MONTGOMERY, AL	BLANK0000115788	125.4
No	WOIL-CD	D23	DC	LIC	TALLADEGA, AL	BLANK0000110450	113.1
No	WVUA-CD	D23	DC	LIC	TUSCALOOSA/NORTHPORT, AL	BLANK0000001646	219.2
No	WZVC-LD	D23	LD	CP	ATHENS, GA	BLANK0000185000	217.4
No	W23EV-D	D23	LD	LIC	CARROLLTON, GA	BLANK0000125385	80.7
No	WAUA-LD	D23	LD	LIC	COLUMBUS, GA	BLANK0000189629	45.2
No	WKTB-CD	D23	DC	LIC	NORCROSS, GA	BLANK0000081811	149.7
No	WPGA-TV	D23	DT	LIC	PERRY, GA	BLANK0000116580	153.1
No	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	256.7
No	WXVK-LD	N30z	TX	LIC	Columbus, GA	BLTTL19960628JF	105.1

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: Simple  
Latitude: 32 51 12.50 N (NAD83)  
Longitude: 85 11 31.40 W  
Height AMSL: 199.7 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m

Peak ERP: 0.100 kW  
Antenna: SBP-UPSL (ID 100733) 25.0 deg  
Elev Pattn: Generic

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.063 kW	11.2 m	9.2 km
45.0	0.077	-5.1	9.7
90.0	0.006	-10.5	5.1
135.0	0.000	12.4	2.3
180.0	0.000	3.9	2.3
225.0	0.000	-6.2	2.3
270.0	0.000	-23.2	2.3
315.0	0.004	2.0	4.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: -2 m

Distance to Canadian border: 1005.4 km

Distance to Mexican border: 1367.7 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 21.1 degrees    Distance: 120.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 300.1 degrees    Distance: 1958.1 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 ASr 1221220 @ 25 ----

Proposal receives 22.89% interference from scenario 1  
No IX check failures found.

**W22EC-D.A**

0000193290

Latitude: 32-51-12.50 N

Longitude: 085-11-31.40 W

ERP: 0.10 kW

Channel: 22

Frequency: 521.0 MHz

AMSL Height: 221.2 m

Elevation: 215.2 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 0.75

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

 > 51.0 dBuV/m 48.0 - 51.0 41.0 - 48.0