

Study created: 2021.11.19 15:57:20

Study build station data: LMS TV 2021-10-23

Proposal: WDNM-LD D22 LD CP MEMPHIS, TN  
File number: BLANK0000051813  
Facility ID: 26251  
Station data: User record  
Record ID: 1538  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	DW15CG	N15-	TX	APP	PONTOTOC, MS	BLTTL20050308ABV	131.8 km
No	W21EC-D	D21	LD	CP	TUPELO, MS	BLANK0000072181	150.6
Yes	WJKT	D21	DT	LIC	JACKSON, TN	BLANK0000114687	96.4
No	WFIQ	D22	DT	LIC	FLORENCE, AL	BLEDT20060718ACG	199.6
No	WEEL-LD	D22	LD	CP	TUSCALOOSA, AL	BLANK0000074438	270.6
No	WSWH-LD	D22	LD	LIC	TUSCALOOSA, AL	BLANK0000074562	336.4
No	K22HS-D	D22	LD	LIC	EUREKA SPRINGS, AR	BLDTL20110517ADA	375.6
No	K22OC-D	D22	LD	LIC	FORT SMITH, AR	BLANK0000151094	410.8
Yes	KJNE-LD	D22z	LD	LIC	JONESBORO, AR	BLANK0000055090	109.1
Yes	KATV	D22	DT	LIC	LITTLE ROCK, AR	BLANK0000149936	244.1
No	WTVW	D22	DT	LIC	EVANSVILLE, IN	BLANK0000087257	386.7
No	KMCT-TV	D22	DT	LIC	WEST MONROE, LA	BLANK0000063151	364.8
No	KRBK	D22	DT	LIC	OSAGE BEACH, MO	BLANK0000063419	359.1
No	W22EO-D	D22	LD	CP	GREENVILLE, MS	BNPDTL20101018ACV	222.8
No	WHLT	D22	DT	LIC	HATTIESBURG, MS	BLANK0000068599	422.8
No	W22EP-D	D22	LD	CP	STARKVILLE, MS	BNPDTL20100512AIH	215.7
Yes	WEBU-LP	D22+	LD	CP	WEBB, MS	BLANK0000054535	105.9
No	WCKV-LD	D22	LD	LIC	CLARKSVILLE, TN	BLANK0000112506	270.0
No	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	421.6
Yes	WJTD-LP	D22z	LD	CP	JACKSON, TN	BLANK0000054279	110.2
No	WKPD	D23	DT	LIC	PADUCAH, KY	BLANK0000087419	238.1
No	W23FB-D	D23	LD	CP	GREENVILLE, MS	BLANK0000071969	222.8
No	W23FD-D	D23	LD	CP	STARKVILLE, MS	BLANK0000071801	215.7
No	WTWV	D23	DT	LIC	MEMPHIS, TN	BLANK0000048888	4.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D22  
Mask: Full Service  
Latitude: 35 10 29.00 N (NAD83)  
Longitude: 89 50 54.00 W  
Height AMSL: 352.0 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: SWR NCN 295.0 deg  
Elev Pattn: Generic

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.46 kW	265.1 m	47.5 km
45.0	0.726	259.3	38.9
90.0	0.234	248.5	32.5
135.0	0.337	260.2	34.9
180.0	0.570	261.2	37.7
225.0	2.90	267.7	46.7
270.0	11.2	278.8	54.4
315.0	12.4	268.6	54.4

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 264 m

Distance to Canadian border: 948.2 km

Distance to Mexican border: 1221.1 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 105.8 degrees    Distance: 491.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 296.7 degrees    Distance: 1458.1 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 BLANK0000051813 ----

Proposal receives 40.52% interference from scenario 1  
No IX check failures found.