

Study created: 2023.08.16 15:03:18

Study build station data: LMS TV 2023-08-16

Proposal: WEBU-LD D22 LD LIC Water Valley, MS
File number: BLANK0000178369
Facility ID: 15657
Station data: User record
Record ID: 2640
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	BLTTTL20050308ABV	53.1 km
No	WTTO	D21	DT	LIC	HOMEWOOD, AL	BLANK0000192390	269.8
No	WAPT	D21	DT	LIC	JACKSON, MS	BLCDT20081126ALZ	240.7
No	W21EC-D	D21	LD	LIC	TUPELO, MS	BLANK0000196013	84.4
No	W21EC-D	D21	LD	APP	TUPELO, MS	BLANK0000212613	84.4
No	WJKT	D21	DT	LIC	JACKSON, TN	BLANK0000114687	165.1
Yes	WFIQ	D22	DT	LIC	FLORENCE, AL	BLEDT20060718ACG	162.9
No	WCOV-TV	D22	DT	LIC	MONTGOMERY, AL	BLANK0000115937	410.4
No	WSWH-LD	D22	LD	LIC	TUSCALOOSA, AL	BLANK0000074562	269.8
No	WEEL-LD	D22	LD	LIC	TUSCALOOSA, AL	BLANK0000195989	193.0
No	KJNE-LD	D22z	LD	LIC	JONESBORO, AR	BLANK0000055090	199.9
Yes	KATV	D22	DT	LIC	LITTLE ROCK, AR	BLANK0000212657	274.4
No	WTVW	D22	DT	LIC	EVANSVILLE, IN	BLANK0000087257	452.7
No	KMCT-TV	D22	DT	LIC	WEST MONROE, LA	BLANK0000063151	317.1
No	KRBK	D22	DT	LIC	OSAGE BEACH, MO	BLANK0000171221	442.9
No	WHLT	D22	DT	LIC	HATTIESBURG, MS	BLANK0000068599	328.5
Yes	W22EP-D	D22	LD	LIC	STARKVILLE, MS	BLANK0000196014	123.0
No	WCKV-LD	D22	LD	LIC	CLARKSVILLE, TN	BLANK0000112506	312.4
No	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	431.4
Yes	DDWJTD-LP	D22z	LD	APP	JACKSON, TN	BLANK0000054279	161.2
Yes	WDNM-LD	D22	LD	LIC	MEMPHIS, TN	BLANK0000195049	95.8
No	WVUA-CD	D23	DC	LIC	TUSCALOOSA/NORTHPORT, AL	BLANK0000202527	229.2
No	W23FD-D	D23	LD	LIC	STARKVILLE, MS	BLANK0000196015	123.0
Yes	WTWV	D23	DT	LIC	MEMPHIS, TN	BLANK0000048888	98.8

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: 34 21 0.00 N (NAD83)
Longitude: 89 32 25.00 W
Height AMSL: 209.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic

49.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	89.3 m	43.0 km
45.0	15.0	61.5	38.8
90.0	15.0	70.5	40.3
135.0	15.0	100.6	44.5
180.0	15.0	94.7	43.7
225.0	15.0	90.0	43.1
270.0	15.0	97.3	44.1
315.0	15.0	110.1	45.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 89 m

Distance to Canadian border: 1008.1 km

Distance to Mexican border: 1169.6 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 95.6 degrees Distance: 446.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 299.4 degrees Distance: 1526.0 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 BLANK0000178369 ----

Proposal receives 11.27% interference from scenario 1
No IX check failures found.