Study created: 2022.01.26 14:40:30 JMc

Study build station data: LMS TV 2022-01-26

```
    Proposal: KJTB-LD D36 LD LIC PARAGOULD, AR
 File number: BLANK0000166715
 Facility ID: 188803
Station data: User record
   Record ID: 1339
     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
Yes	KJBW-LD	D35	LD	LIC	PARAGOULD, AR	BLANK0000170679	0.0 km
No	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	183.9
No	WSES	D36	DT	LIC	TUSCALOOSA, AL	BLANK0000123837	405.6
No	KLMB-CD	D36z	DC	LIC	EL DORADO, AR	BLANK0000146580	354.1
No	KFFS-CD	D36	DC	LIC	FAYETTEVILLE, AR	BLANK0000055356	314.6
Yes	KKAP	D36	DT	LIC	LITTLE ROCK, AR	BLEDT20090522AFW	207.7
No	K36MU-D	D36	LD	LIC	TEXARKANA, AR	BLANK0000179477	379.7
No	W36EX-D	D36	DC	LIC	ALTON, IL	BLANK0000132189	333.8
No	WEIN-LD	D36	LD	LIC	EVANSVILLE, IN	BLANK0000164457	358.4
No	KBNS-CD	D36	DC	LIC	BRANSON, MO	BLDTL20100315ADB	237.6
Yes	KBSI	D36	DT	LIC	CAPE GIRARDEAU, MO	BLANK0000115700	190.4
No	K36LJ-D	D36	LD	CP	JEFFERSON CITY, MO	BLANK0000177665	345.6
No	K36LJ-D	D36	LD	LIC	JEFFERSON CITY, MO	BLANK0000179478	345.6
No	K36II-D	D36	LD	LIC	JOPLIN, MO	BLDTL20101022ACG	356.8
No	KSHB-TV	D36	DT	LIC	KANSAS CITY, MO	BLANK0000153577	477.1
No	K36NJ-D	D36	LD	LIC	MONETT, MO	BLANK0000058924	308.8
No	KPTN-LD	D36	DC	LIC	ST. LOUIS, MO	BLDTA20111003APE	293.1
Yes	K36NN-D	D36	LD	LIC	WEST PLAINS, MO	BLANK0000059299	137.1
No	W36EV-D	D36	LD	CP	GREENVILLE, MS	BLANK0000178384	285.6
Yes	WMAV-TV	D36	DT	LIC	OXFORD, MS	BLEDT20090612AAK	205.5
No	WLOO	D36	DT	LIC	VICKSBURG, MS	BLANK0000063959	416.7
No	KDOR-TV	D36	DT	LIC	BARTLESVILLE, OK	BLANK0000067842	459.3
No	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000090378	352.5
No	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK0000115766	352.5
No	K27OY-D	N39+	TX	LIC	MEMPHIS, TN	BLTT19930329IE	96.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D36
       Mask: Full Service
   Latitude:  35 57 14.00 N (NAD83)
  Longitude:  90 41 41.00 W
Height AMSL: 263.4 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna:  110.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.50
```

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	166.4 m	48.0 km
45.0	15.0	132.0	45.6
90.0	15.0	159.2	47.5
135.0	15.0	170.9	48.3
180.0	15.0	157.8	47.4
225.0	15.0	157.0	47.4
270.0	15.0	174.2	48.5
315.0	15.0	176.5	48.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 162 m

Distance to Canadian border: 930.1 km

Distance to Mexican border: 1203.2 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 111.4 degrees Distance: 591.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 294.4 degrees Distance: 1351.7 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

No IX check failures found.