

Study created: 2021.10.07 13:09:49 JMC

Study build station data: LMS TV 2021-10-07

Proposal: K36MT-D D36 LD LIC PARAGOULD, AR
File number: BLANK00000162442
Facility ID: 188803
Station data: User record
Record ID: 1241
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	K35LN-D	D35	LD	LIC	PARAGOULD, AR	BLANK00000162443	42.0 km
No	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK00000116047	183.9
No	WSES	D36	DT	LIC	TUSCALOOSA, AL	BLANK00000123837	405.6
No	KLMB-CD	D36z	DC	LIC	EL DORADO, AR	BLANK00000146580	354.1
No	KFFS-CD	D36	DC	LIC	FAYETTEVILLE, AR	BLANK00000055356	314.6
Yes	KKAP	D36	DT	LIC	LITTLE ROCK, AR	BLEDT20090522AFW	207.7
No	K36MU-D	D36	LD	CP	TEXARKANA, AR	BLANK00000162674	379.7
No	W36EX-D	D36	DC	LIC	ALTON, IL	BLANK00000132189	333.8
No	WEIN-LD	D36	LD	CP	EVANSVILLE, IN	BLANK00000162649	358.4
No	KBNS-CD	D36	DC	LIC	BRANSON, MO	BLDTL20100315ADB	237.6
Yes	KBSI	D36	DT	LIC	CAPE GIRARDEAU, MO	BLANK00000115700	190.4
No	K36LJ-D	D36	LD	CP	JEFFERSON CITY, MO	BLANK00000001283	345.6
No	K36II-D	D36	LD	LIC	JOPLIN, MO	BLDTL20101022ACG	356.8
No	KSHB-TV	D36	DT	LIC	KANSAS CITY, MO	BLANK00000153577	477.1
No	K36NJ-D	D36	LD	LIC	MONETT, MO	BLANK00000058924	308.8
No	KPTN-LD	D36	DC	LIC	ST. LOUIS, MO	BLDTA20111003APE	293.1
No	K38HE-D	D36	LD	LIC	WEST PLAINS, MO	BLANK00000059299	137.1
No	W36EV-D	D36	LD	CP	GREENVILLE, MS	BLANK00000036201	285.6
Yes	WMAV-TV	D36	DT	LIC	OXFORD, MS	BLEDT20090612AAK	205.5
No	WL00	D36	DT	LIC	VICKSBURG, MS	BLANK00000063959	416.7
No	KDOR-TV	D36	DT	LIC	BARTLESVILLE, OK	BLANK00000067842	459.3
No	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK00000090378	352.5
No	WTVF	D36	DT	LIC	NASHVILLE, TN	BLANK00000115766	352.5
No	K270Y-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: Stringent
Latitude: 35 57 14.00 N (NAD83)
Longitude: 90 41 41.00 W
Height AMSL: 232.9 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: PSILPD8AERM 35-36 110.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.20 kW	135.9 m	39.5 km
45.0	12.6	101.5	42.2
90.0	15.0	128.7	45.4
135.0	15.0	140.4	46.2
180.0	11.8	127.3	44.1
225.0	3.43	126.5	37.8
270.0	0.000	143.7	6.1
315.0	0.000	146.0	6.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 131 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: 1.00 km

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

Maximum new IX to LPTV: 2.00%

No IX check failures found.