

Study created: 2021.03.25 13:05:55 Jmc

Study build station data: LMS TV 2021-03-25

Proposal: K35LN-D D35 LD CP PARAGOULD, AR  
File number: BNPDTL20101020AAL  
Facility ID: 188810  
Station data: User record  
Record ID: 1180  
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	K34QK-D	D34	LD	CP	JONESBORO, AR	BLANK00000071894	11.4 km
No	KASN	D34	DT	LIC	PINE BLUFF, AR	BLANK00000073008	217.7
No	WSIL-TV	D34	DT	LIC	HARRISBURG, IL	BLCDDT20080718AAR	245.7
No	WYJJ-LD	D34	LD	LIC	JACKSON, TN	BLANK00000063155	171.2
No	WFBI-LD	D34	LD	CP	SOUTH EAST MEMPHIS, TN	BLANK00000054142	114.6
No	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK00000129320	400.8
No	K35KU-D	D35	LD	CP	EL DORADO, AR	BNPDTL20100510ADD	354.1
No	KFLU-LD	D35	LD	LIC	Fayetteville, AR	BLANK00000112149	314.6
No	KRAH-CD	D35	DC	LIC	PARIS, AR	BLANK00000127224	245.1
No	K49EP-D	D35	LD	CP	EVANSVILLE, IN	BLANK00000071777	366.0
No	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK00000086897	467.1
No	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK00000072298	351.8
No	K350Y-D	D35	LD	CP	COLUMBIA, MO	BLANK00000071882	346.1
No	KOZJ	D35	DT	LIC	JOPLIN, MO	BLANK00000059543	365.2
No	KJPX-LP	N35+	TX	LIC	JOPLIN, MO	BLTTTL20090304ADT	351.9
No	KSDK	D35	DT	LIC	ST. LOUIS, MO	BLCDDT19991202ABM	292.3
Yes	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK00000116047	183.9
No	KKAP	D36	DT	APP	LITTLE ROCK, AR	BLANK00000036057	207.7
No	KKAP	D36	DT	LIC	LITTLE ROCK, AR	BLEDT20090522AFW	207.7
Yes	K36MT-D	D36	LD	CP	PARAGOULD, AR	BLANK00000036211	42.0
No	KBSI	D36	DT	LIC	CAPE GIRARDEAU, MO	BLANK00000115700	190.4
No	K38HE-D	D36	LD	LIC	WEST PLAINS, MO	BLANK00000059299	137.1
No	WMAV-TV	D36	DT	LIC	OXFORD, MS	BLEDT20090612AAK	205.5
No	K270Y-D	N39+	TX	LIC	Memphis, TN	BLTT19930329IE	96.6
No	WJTD-LP	N42z	TX	LIC	JACKSON, TN	BLTTTL20070320ANN	174.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35  
Mask: Full Service  
Latitude: 35 57 14.30 N (NAD83)  
Longitude: 90 41 41.40 W  
Height AMSL: 232.9 m  
HAAT: 0.0 m  
Peak ERP: 7.50 kW  
Antenna: PSI Wide Cardioid Slot RR 90.0 deg  
Elev Pattnr: Generic  
Elec Tilt: 0.75

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.77 kW	136.0 m	42.0 km
45.0	6.56	101.3	39.0
90.0	7.50	128.7	42.0
135.0	6.56	140.3	42.1
180.0	6.77	127.2	41.4
225.0	1.26	126.5	32.8
270.0	0.397	143.9	28.0
315.0	1.26	146.0	34.0

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.