

Study created: 2021.10.26 20:34:10 JMc

Study build station data: LMS TV 2021-10-26

Proposal: K35LN-D D35 LD CP PARAGOULD, AR  
File number: BLANK00000163280  
Facility ID: 188810  
Station data: User record  
Record ID: 1256  
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	BLANK0000071894	11.4 km
No	KASN	D34	DT	LIC	PINE BLUFF, AR	BLANK0000073008	217.7
No	WSIL-TV	D34	DT	LIC	HARRISBURG, IL	BLCDT20080718AAR	245.7
No	WYJJ-LD	D34	LD	LIC	JACKSON, TN	BLANK0000142036	171.2
No	WFBI-LD	D34	LD	LIC	SOUTH EAST MEMPHIS, TN	BLANK0000156902	114.6
No	WHVD-LD	D35	LD	LIC	HUNTSVILLE, AL	BLANK0000129320	400.8
No	K35PN-D	D35	LD	CP	EL DORADO, AR	BLANK0000155958	323.4
No	KFLU-LD	D35	LD	LIC	Fayetteville, AR	BLANK0000112149	314.6
No	KRAH-CD	D35	DC	LIC	PARIS, AR	BLANK0000127224	245.1
No	K49EP-D	D35	LD	CP	EVANSVILLE, IN	BLANK0000071777	366.0
No	WTWO	D35	DT	LIC	TERRE HAUTE, IN	BLANK0000086897	467.1
No	WCTZ-LD	D35	LD	LIC	BOWLING GREEN, KY	BLANK0000141734	351.8
No	K350Y-D	D35	LD	CP	COLUMBIA, MO	BLANK0000162977	346.1
No	KOZJ	D35	DT	LIC	JOPLIN, MO	BLANK0000059543	365.2
No	KSDK	D35	DT	LIC	ST. LOUIS, MO	BLANK0000158259	292.3
Yes	WBBJ-TV	D35	DT	LIC	JACKSON, TN	BLANK0000116047	183.9
No	KKAP	D36	DT	LIC	LITTLE ROCK, AR	BLEDT20090522AFW	207.7
No	K36MT-D	D36	LD	LIC	PARAGOULD, AR	BLANK0000162442	42.0
No	K36MT-D	D36	LD	CP	PARAGOULD, AR	BLANK0000163279	0.0
No	KBSI	D36	DT	LIC	CAPE GIRARDEAU, MO	BLANK0000115700	190.4
No	K38HE-D	D36	LD	LIC	WEST PLAINS, MO	BLANK0000059299	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	BLTTL20070320ANN	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 14.00 N (NAD83)  
Longitude: 90 41 41.00 W  
Height AMSL: 232.9 m  
HAAT: 0.0 m  
Peak ERP: 7.00 kW  
Antenna: PSI-PSILPD8AERm 35-36 (ID 1008790) 110.0 deg  
Elev Pattnr: Generic  
Elec Tilt: 0.50

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.96 kW	135.9 m	35.7 km
45.0	5.87	101.5	38.5
90.0	7.00	128.7	41.7
135.0	7.00	140.4	42.5
180.0	5.49	127.3	40.4
225.0	1.60	126.5	34.0
270.0	0.000	143.7	5.0
315.0	0.000	146.0	5.2

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.