

Study created: 2021.07.02 12:58:52 JMc

Study build station data: LMS TV 2021-07-02

Proposal: K200L-D D20 LD LIC FORT SMITH, AR
File number: BLANK0000151265
Facility ID: 184039
Station data: User record
Record ID: 1222
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
No	K16IP-D	D19	LD	CP	BONNERDALE, AR	BLANK0000051750	179.0 km
Yes	KUFS-LD	D19+	LD	LIC	FORT SMITH, AR	BLANK0000067178	51.1
No	K19MT-D	D19	LD	CP	SPRINGDALE, AR	BLANK0000071784	87.5
No	KYTV	D19	DT	LIC	SPRINGFIELD, MO	BLANK0000073156	230.4
No	KOTV-DT	D19	LD	LIC	TULSA, OK	BLCDDT20120816ABS	131.8
No	KEGG-LD	D19	LD	LIC	TULSA, OK	BLDTL20130222ADJ	149.9
No	K200C-D	D20	LD	LIC	EL DORADO, AR	BLANK0000084798	293.5
Yes	KJNM-LD	D20	LD	CP	FAYETTEVILLE, AR	BLANK0000074290	79.4
No	KTEJ	D20	DT	LIC	JONESBORO, AR	BLEDT20110818AAQ	328.5
No	KLRA-CD	D20	DC	LIC	LITTLE ROCK, AR	BLANK0000004217	184.6
No	KTMJ-CD	D20	DC	LIC	TOPEKA, KS	BLANK00000122285	420.8
No	KBXS-CD	D20	DC	LIC	SHREVEPORT, LA	BLANK00000071739	335.1
No	KNLJ	D20	DT	LIC	JEFFERSON CITY, MO	BLCDDT20110121ACA	414.4
No	W20DW-D	D20	LD	CP	CLARKSDALE, MS	BMPDTL20130320AEA	366.1
No	K24IW-D	D20	LD	CP	ARDMORE, OK	BLANK0000072055	272.4
No	K47KI-D	D20	LD	LIC	DUNCAN, OK	BLANK0000072559	322.8
Yes	KQCW-DT	D20	DT	CP	MUSKOGEE, OK	BLANK0000035925	134.3
Yes	KQCW-DT	D20	DT	LIC	MUSKOGEE, OK	BMLCDDT20130823ACR	134.4
No	KBZC-LD	D20	LD	LIC	Oklahoma city, OK	BLANK00000112197	283.1
No	KAQC-LP	N20+	TX	LIC	ATLANTA, TX	BLTTL20050817AAN	250.4
No	KBOP-LD	D20	LD	LIC	DALLAS-FT WORTH, TX	BLDTL20110120ACW	398.0
No	KFXK-TV	D20	DT	LIC	LONGVIEW, TX	BLANK0000071623	358.4
Yes	KHBS	D21	DT	LIC	FORT SMITH, AR	BLCDDT20031121AMR	50.6
No	K21JS	N21	TX	LIC	HARRISON, AR	BLTTL20111121DXG	135.8
No	K21JS	D21	LD	CP	HARRISON, AR	BDFCDTL20091204AEC	135.8
No	KKYK-CD	D21	DC	LIC	LITTLE ROCK, AR	BLANK0000062774	184.6
No	KGCS-LD	D21	LD	LIC	JOPLIN, MO	BLANK0000078095	184.3
No	KRFT-LD	D21	LD	CP	SPRINGFIELD, MO	BLANK00000131021	221.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D20
Mask: Full Service
Latitude: 35 26 51.30 N (NAD83)
Longitude: 94 21 54.80 W
Height AMSL: 294.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW

Antenna: SWR-SWED80I 180.0 deg
Elev Pattn: Generic
Elec Tilt: 0.75

49.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	6.73 kW	56.0 m	34.2 km
45.0	5.58	110.3	40.8
90.0	6.53	158.2	45.0
135.0	11.9	172.3	48.9
180.0	15.0	154.7	49.0
225.0	11.9	167.6	48.6
270.0	6.53	118.2	42.3
315.0	5.58	132.1	42.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 134 m

Distance to Canadian border: 1210.7 km

Distance to Mexican border: 911.6 km

Conditions at FCC monitoring station: Grand Island NE
Bearing: 331.0 degrees Distance: 704.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 301.8 degrees Distance: 1085.0 km

No land mobile station failures found

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%

---- Below is IX received by proposal BLANK0000151265 ----

Proposal receives 6.40% interference from scenario 1
Proposal receives 6.78% interference from scenario 2
No IX check failures found.