

Study created: 2018.04.03 14:13:07

Study build station data: LMS TV 2018-04-03 (73)

Proposal: KQRY-LD D19 LD APP SALLISAW, OK  
File number: BLANK0000042182  
Facility ID: 14387  
Station data: User record  
Record ID: 227  
Country: U.S.

Build options:  
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	
KFSM-TV	D18	DT	LIC	FORT SMITH, AR	BLCDT20060530AIM	3.9
km						
KYTV	D19	DT	CP	SPRINGFIELD, MO	BLANK0000033931	188.3
KOTV-DT	D19	LD	LIC	TULSA, OK	BLCDT20120816ABS	165.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19  
Mask: Full Service  
Latitude: 35 47 49.00 N (NAD83)  
Longitude: 94 10 5.00 W  
Height AMSL: 649.3 m  
HAAT: 0.0 m  
Peak ERP: 14.0 kW  
Antenna: ACI-ACS16A (ID 1002845) 20.0 deg  
Elev Pattn: Generic  
Elec Tilt: 1.00

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	8.28 kW	149.5 m	45.7 km
45.0	13.4	114.9	45.7
90.0	12.9	105.0	44.5
135.0	12.5	193.1	50.5
180.0	13.7	245.7	54.0
225.0	6.84	193.4	47.5
270.0	0.612	178.1	34.0
315.0	0.671	158.9	33.4

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 167 m

Distance to Canadian border: 1172.4 km

Distance to Mexican border: 950.9 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 328.2 degrees Distance: 679.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 299.7 degrees Distance: 1080.4 km

No land mobile station failures found

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%

Proposal receives 54.44% interference from scenario 1

No IX check failures found.