

Study created: 2018.04.08 21:49:14

Study build station data: LMS TV 2018-04-07 (76)

Proposal: KQRY D19 LD LIC SALLISAW, OK
File number: BLANK0000042182
Facility ID: 58282
Station data: User record
Record ID: 249
Country: U.S.

Build options:
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	
Distance						
KFSM-TV	D18	DT	LIC	FORT SMITH, AR	BLCDT20060530AIM	3.9
km						
KYTV	D19	DT	CP	SPRINGFIELD, MO	BLANK0000033931	188.3
KQRY-LD	D19	LD	APP	SALLISAW, OK	BLANK0000042182	0.0
KOTV-DT	D19	LD	LIC	TULSA, OK	BLCDT20120816ABS	165.7
KEGG-LD	D19	LD	LIC	TULSA, OK	BLDTL20130222ADJ	164.3
KQCW-DT	D20	DT	APP	MUSKOGEE, OK	BLANK0000035925	138.0

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: 717.1 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: SWR Slot Pnut 0.0 deg
Elev Pattn: Generic
Elec Tilt: 1.00

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.5 kW	217.3 m	52.3 km
45.0	1.54	182.7	39.1
90.0	0.759	172.9	34.9
135.0	0.828	260.9	40.1
180.0	9.36	313.5	55.8
225.0	9.24	261.2	52.8
270.0	2.22	245.9	44.6
315.0	4.41	226.7	47.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 235 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%

**MX with BLANK0000042182 APP, 69.97% interference, scenario 1

**MX with scenario 1, receives 84.82% interference

**MX with BLANK0000042182 APP, 84.82% interference, scenario 2