Study created: 2018.06.13 09:51:56

Study build station data: LMS TV 2018-06-12 (131)

```
    Proposal: KQRY-LD D33 LD STA SALLISAW, OK
 File number: BLANK0000035642
 Facility ID: 14387
Station data: LMS TV 2018-06-12 (131)
   Record ID: 25076ff35fd108c001600025977e1f98
     Country: U.S.
```

Build options:
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KHMF-LP	N33+	TX	LIC	FORT SMITH, AR	BLTTL20051208ACS	60.8 km
KHMF-LP	D33+	LD	LIC	FORT SMITH, AR	BLANK0000036888	60.8
KNWA-TV	D33	DT	CP	ROGERS, AR	BLANK0000027617	105.7
KNWA-TV	D33	DT	BL	ROGERS, AR	DTVBL29557	105.7
KWFT-LP	N34z	TX	LIC	FORT SMITH, AR	BLTTL20021115AAI	0.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D33
       Mask: Full Service
   Latitude:  35 31 30.20 N (NAD83)
  Longitude:  94 22 28.20 W
Height AMSL: 379.6 m
       HAAT: 0.0 m
   Peak ERP: 14.5 kW
    Antenna: ACI-ACS16A (ID 1002633) 0.0 deg
Elev Pattrn: Generic
```

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	13.1 kW	98.6 m	42.4 km
45.0	12.5	85.7	40.5
90.0	14.5	166.6	48.1
135.0	12.6	212.2	50.1
180.0	13.1	232.0	51.4
225.0	2.43	196.3	40.6
270.0	0.760	179.2	33.6
315.0	2.43	134.1	36.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 163 m

Distance to Canadian border: 1205.9 km

Distance to Mexican border: 916.8 km

Conditions at FCC monitoring station: Grand Island NE
Bearing: 330.7 degrees Distance: 696.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 301.4 degrees Distance: 1079.8 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%

**IX check failure, 21.81% interference to BLTTL20051208ACS LIC, scenario 1
**IX check failure, 34.05% interference to BLANK0000036888 LIC, scenario 1
Proposal receives 7.42% interference from scenario 1
Proposal receives 13.25% interference from scenario 2