

Study created: 2019.04.03 15:20:31

Study build station data: LMS TV 2019-04-02

Proposal: KWFT-LP D6z LD APP FORT SMITH, AR
File number: BLANK0000068709
Facility ID: 58282
Station data: User record
Record ID: 21
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	KQRY-LD	D5	LD	CP	FORT SMITH, AR	BLANK0000048956	0.0 km
No	NEW	D6	LD	CP	ROLLA, MO	BNPDVL20090825BJS	320.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D6z
Mask: Full Service
Latitude: 35 47 49.00 N (NAD83)
Longitude: 94 10 5.00 W
Height AMSL: 721.0 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: Omnidirectional
Elev Patrn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	221.2 m	61.6 km
45.0	3.00	186.6	59.0
90.0	3.00	176.8	58.3
135.0	3.00	264.8	64.6
180.0	3.00	317.4	68.0
225.0	3.00	265.1	64.7
270.0	3.00	249.8	63.6
315.0	3.00	230.6	62.3

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 239 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

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.