

Study created: 2017.10.30 06:35:54

Study build station data: LMS TV 2017-10-27 (57)

Proposal: KLJB D30 DT BL DAVENPORT, IA
File number: DTVBL54011
Facility ID: 54011
Station data: User record
Record ID: 2066
Country: U.S.
Zone: I

Search options:

Non-U.S. records included

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KGAN	D29	DT	LIC	CEDAR RAPIDS, IA	BLCDT20140416AAI	165.7 km
WEIU-TV	D30	DT	CP	CHARLESTON, IL	BLANK0000029172	261.1
WEIU-TV	D30	DT	BL	CHARLESTON, IL	DTVBL18301	261.1
WPXE-TV	D30	DT	CP	KENOSHA, WI	BLANK0000026981	284.3
WPXE-TV	D30	DT	BL	KENOSHA, WI	DTVBL37104	284.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30
Latitude: 41 18 44.50 N (NAD83)
Longitude: 90 22 46.20 W
Height AMSL: 554.2 m
HAAT: 328.1 m
Peak ERP: 1000 kW
Antenna: DIE-TUF-04-14/56H-1-T 0.0 deg
Elev Pattn: Generic
Elec Tilt: 0.6

40.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1000 kW	339.7 m	102.2 km
45.0	550	326.8	95.8
90.0	1000	326.1	101.0
135.0	550	329.4	96.1
180.0	1000	325.7	100.9
225.0	550	333.3	96.4
270.0	1000	318.0	100.2
315.0	550	326.1	95.7

**Proposal service area extends beyond baseline plus 1.0%
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 605.5 km

Distance to Mexican border: 1621.6 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 67.1 degrees Distance: 392.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 269.0 degrees Distance: 1255.5 km

Study cell size: 2.00 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.