

Study created: 2020.06.27 06:52:08

Study build station data: LMS TV 2020-06-26

Proposal: WLAX D33 DT STA LA CROSSE, WI

File number: BLANK0000113397

Facility ID: 2710

Station data: User record

Record ID: 2457

Country: U.S.

Zone: II

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KFKZ-LD	D32	LD	LIC	CEDAR FALLS, IA	BLANK0000069608	173.5 km
No	K32LB-D	D32	LD	CP	ALBERT LEO, MN	BNPDTL20100510AJT	164.7
No	WCCO-TV	D32	DT	LIC	MINNEAPOLIS, MN	BMLCDT20120907ABQ	198.0
Yes	W32DW-D	D32	LD	CP	LA CROSSE, WI	BNPDTL20090825CAP	13.4
No	WOI-DT	D33	LD	CP	AMES, IA	BLANK0000054850	307.7
No	KBIN-TV	D33	DT	LIC	COUNCIL BLUFFS, IA	BLEDT20050711ABX	462.5
No	K20KF-D	D33	LD	CP	DAVENPORT, IA	BLANK0000051752	246.3
No	K33PV-D	D33	LD	LIC	ROCK RAPIDS, IA	BLANK0000113997	391.2
Yes	WMAQ-TV	D33	DT	CP	CHICAGO, IL	BLANK0000080396	372.1
No	WCHU-LD	D33	LD	LIC	CHICAGO, IL	BLDTL20110928ALC	371.7
No	WAOE	D33	DT	BL	PEORIA, IL	DTVBL52280	383.5
No	WIDN-LD	D33	LD	CP	ROCKFORD, IL	BLANK0000051604	252.7
No	K33MH-D	D33	LD	CP	ALBANY, MN	BNPDTL20100505AKI	325.2
No	KAAL	D33	LD	LIC	AUSTIN, MN	BLCDT20091009AAG	194.7
Yes	KDLH	D33	DT	LIC	DULUTH, MN	BLANK0000007407	336.8
No	K33OS-D	D33	LD	LIC	GRANITE FALLS, MN	BLANK0000063071	352.7
Yes	K33LN-D	D33	DC	LIC	MINNEAPOLIS, MN	BLDTA20111219AEB	199.3
No	K33LB-D	D33	LD	LIC	REDWOOD FALLS, MN	BLDTT20120604AAS	298.3
No	K33MW-D	D33	LD	CP	SHERBURN, MN	BNPDTL20100510AJK	280.0

No	K33OT-D	D33	LD	LIC	WILLMAR, MN	BLANK0000060751	328.1
Yes	KTVO	D33	DT	CP	KIRKSVILLE, MO	BLANK0000111691	374.5
No	KTVO	D33	DT	LIC	KIRKSVILLE, MO	BLCDT20030604AAC	374.5
Yes	W33DH-D	D33	LD	CP	EAU CLAIRE, WI	BLANK0000036215	116.4
Yes	WWEA-LD	D33	LD	CP	WAUSAU, WI	BLANK0000051620	277.0
Yes	WZAW-LD	D33	LD	LIC	WAUSAU, WI	BLANK0000013771	205.6
No	K34MP-D	D34	LD	CP	OAKLAND, MN	BNPDTL20100510AJY	138.6
No	KTCA-TV	D34	DT	LIC	ST. PAUL, MN	BLEDT20060802AAO	196.9
Yes	W34FC-D	D34	LD	LIC	LA CROSSE, WI	BLANK0000058890	0.4
Yes	W34EB-D	D34	LD	CP	LA CROSSE, WI	BNPDTL20090825CAR	13.4
No	WWRS-TV	D34	DT	LIC	MAYVILLE, WI	BLANK0000087342	232.6
No	W34EO-D	D34	LD	CP	WAUSAU, WI	BLANK0000008337	152.5
No	K40JT	N40+	TX	LIC	Rochester, MN	BLTT20070427ADN	161.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D33

Latitude: 43 48 16.00 N (NAD83)

Longitude: 91 22 19.80 W

Height AMSL: 500.2 m

HAAT: 231.3 m

Peak ERP: 750 kW

Antenna: Dielectric-TFU-16WB-R C160 (ID 1006773) 15.0 deg

Elev Pattn: Generic

Elec Tilt: 0.55

40.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	490 kW	226.8 m	81.5 km
45.0	590	273.4	88.7
90.0	675	261.5	88.0
135.0	324	256.5	81.6
180.0	187	201.6	74.4
225.0	81.2	218.4	71.4

270.0	472	201.8	79.4
315.0	738	185.6	80.8

Database HAAT does not agree with computed HAAT
Database HAAT: 231 m Computed HAAT: 228 m

Distance to Canadian border: 471.4 km

Distance to Mexican border: 1794.0 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 105.0 degrees Distance: 458.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 255.2 degrees Distance: 1212.7 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%

Proposal causes no interference to BNPDTL20090825CAP CP
Proposal causes 0.00% interference to BLANK0000080396 CP scenario 1
Proposal causes no interference to BLANK0000007407 LIC
Proposal causes no interference to BLDTA20111219AEB LIC
Proposal causes no interference to BLANK0000111691 CP
Proposal causes 0.43% interference to BLANK0000036215 CP scenario 1
Proposal causes no interference to BLANK0000051620 CP
Proposal causes no interference to BLANK0000013771 LIC
Proposal causes no interference to BLANK0000058890 LIC
Proposal causes no interference to BNPDTL20090825CAR CP

----- Below is IX received by proposal BLANK0000113397 -----

Proposal receives 0.18% interference from scenario 1
No IX check failures found.