

Study created: 2019.01.09 19:18:32

Study build station data: LMS TV 2019-01-01

Proposal: WDMW-LD D7 LD APP JANESVILLE, WI
File number: BLANK0000054588
Facility ID: 68041
Station data: User record
Record ID: 2241
Country: U.S.

Build options:
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KWWL	D7	DT	LIC	WATERLOO, IA	BLCDT20100707AXT	263.2 km
No	WRDH-LP	N7-	TX	LIC	ASHTON, IL	BLTVL20070813ADB	100.3
No	W07DD-D	D7	LD	LIC	CHAMPAIGN, IL	BLDVL20090803AFK	289.1
No	WCHU-LD	D7	LD	APP	CHICAGO, IL	BDISDVL20130425AAJ	133.1
No	W07CL	N7z	TX	LIC	AUBURN, IN	BLTVL19900904IC	340.9
No	WHMB-TV	D7	DT	CP	INDIANAPOLIS, IN	BLANK0000029690	383.9
No	WHMB-TV	D7	DT	BL	INDIANAPOLIS, IN	DTVBL37102	383.9
No	WJBK	D7	DT	LIC	DETROIT, MI	BLCDT20090813ABG	448.2
No	WOOD-TV	D7	DT	LIC	GRAND RAPIDS, MI	BLCDT20040625ABO	258.7
No	KHQA-TV	D7	DT	APP	HANNIBAL, MO	BLANK0000035796	385.3
No	KHQA-TV	D7	DT	LIC	HANNIBAL, MO	BLCDT20090622AFC	385.3
No	WSAW-TV	D7	DT	BL	WAUSAU, WI	DTVBL6867	248.4
No	WMWC-TV	D8	DT	LIC	GALESBURG, IL	BLCDT20120820AAQ	217.9
No	WWMT	D8	DT	APP	KALAMAZOO, MI	BLANK0000035795	256.9
No	WWMT	D8	DT	LIC	KALAMAZOO, MI	BLCDT20090616AAV	256.9
No	WKBT-DT	D8	DT	APP	LA CROSSE, WI	BLANK0000035780	257.8
No	WKBT-DT	D8	DT	LIC	LA CROSSE, WI	BLCDT20090507ACT	257.8
No	WZCK-LD	N8-	TX	LIC	MADISON-MIDDLETON, WI	BLTVL19920324IF	64.6
Yes	WMVS	D8	DT	APP	MILWAUKEE, WI	BLANK0000035791	70.3
Yes	WMVS	D8	DT	LIC	MILWAUKEE, WI	BLANK0000040294	70.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D7
Mask: Full Service

Latitude: 42 48 34.00 N (NAD83)
Longitude: 88 40 30.00 W
Height AMSL: 313.0 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: SCA-HDCA-10-8 (ID 20800) 65.0 deg
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	65.1 m	4.6 km
45.0	1.73	57.2	33.7
90.0	1.32	26.1	24.7
135.0	0.000	26.5	3.1
180.0	0.000	26.4	3.1
225.0	0.092	28.0	13.1
270.0	0.063	44.3	14.3
315.0	0.000	66.5	4.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 43 m

Distance to Canadian border: 458.7 km

Distance to Mexican border: 1839.4 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 94.9 degrees Distance: 223.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 263.5 degrees Distance: 1407.0 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.