

Study created: 2021.10.07 06:53:35

Study build station data: LMS TV 2021-09-30

Proposal: WBWM-LD D28 LD LIC MT PLEASANT, MI  
File number: BLANK0000152432  
Facility ID: 191111  
Station data: User record  
Record ID: 1378  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WNDU-TV	D27	DT	LIC	SOUTH BEND, IN	BLANK0000116736	218.7 km
No	WFHD-LP	N27z	TX	LIC	ANN ARBOR, MI	BLTT20000925AAY	177.0
No	W48CL	D27+	LD	CP	GRAND RAPIDS, MI	BLANK0000052038	62.2
No	W27ET-D	D27	LD	LIC	MAPLE VALLEY, MI	BLANK0000158765	114.3
No	WADL	D27	DT	LIC	MOUNT CLEMENS, MI	BLANK0000111708	214.4
No	W27DU-D	D27	LD	CP	TRAVERSE CITY, MI	BLANK0000143606	151.5
No	WVTV	D27	DT	LIC	MILWAUKEE, WI	BLANK0000121792	219.5
No	WEDE-CD	D28	DC	LIC	ARLINGTON HEIGHTS, IL	BLANK0000112254	261.8
No	WYZZ-TV	D28	DT	LIC	BLOOMINGTON, IL	BLCDT20060609ABE	449.7
No	WIFR-LD	D28	LD	LIC	ROCKFORD, IL	BLANK0000137907	344.8
No	WIPX-TV	D28	DT	LIC	BLOOMINGTON, IN	BLANK0000106045	454.6
No	W28EY-D	D28	LD	CP	FORT WAYNE, IN	BLANK0000071946	268.5
No	WJSJ-CD	D28	DC	LIC	INDIANAPOLIS, IN	BLANK0000086502	315.4
No	WMYS-LD	D28	LD	LIC	SOUTH BEND, IN	BLANK0000086895	216.9
No	W28EJ-D	D28	LD	CP	CHARLES, MI	BLANK0000143599	305.0
No	W28FF-D	D28	LD	CP	ELMHURST, MI	BLANK0000156048	241.1
Yes	WSYM-TV	D28	DT	LIC	LANSING, MI	BLANK0000105571	117.6
Yes	WSYM-TV	D28	DT	CP	LANSING, MI	BLANK0000143341	117.6
No	WLPC-LD	D28	LD	LIC	Redford, MI	BLANK0000112211	216.4
No	W28DY-D	D28	LD	LIC	SAULT STE. MARIE, MI	BLDTL20121210ABV	340.6
No	WSYX	D28	DT	LIC	COLUMBUS, OH	BLANK0000129744	430.1
No	WJET-TV	D28	DT	LIC	ERIE, PA	BLANK0000080704	449.2
No	WYOW	D28	DT	LIC	EAGLE RIVER, WI	BLANK0000149930	410.4
No	WISN-TV	D28	DT	LIC	MILWAUKEE, WI	BLANK0000089554	221.1
No	WSBT-TV	D29	DT	LIC	SOUTH BEND, IN	BLANK0000087455	217.7
No	WUHQ-LD	D29	LD	LIC	GRAND RAPIDS, MI	BLDTL20111121AAI	65.5
No	WLNK-LD	D29	LD	LIC	LANSING, MI	BLANK0000124986	96.8
No	WXON-LD	D29+	LD	LIC	MILLINGTON, MI	BLANK0000152405	128.9
No	WOMS-CD	D29	DC	LIC	MUSKEGON, MI	BLDTA20110812ACT	70.8

No	WGTU	D29	DT	CP	TRAVERSE CITY, MI	BLANK0000035794	146.4
No	WGTU	D29	DT	LIC	TRAVERSE CITY, MI	BLCDT20090622AFH	146.4
No	WGTE-TV	D29	DT	LIC	TOLEDO, OH	BLEDT20031110AKO	246.7
No	WDJT-TV	D29	DT	LIC	MILWAUKEE, WI	BLANK0000086892	221.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28  
 Mask: Full Service  
 Latitude: 43 26 11.00 N (NAD83)  
 Longitude: 85 14 0.00 W  
 Height AMSL: 346.0 m  
 HAAT: 0.0 m  
 Peak ERP: 1.00 kW  
 Antenna: SAM-(4) SAM-570 70.0 deg  
 Elev Pattn: Generic

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	43.0 m	3.7 km
45.0	0.281	45.4	15.5
90.0	0.476	60.5	21.1
135.0	0.009	59.8	7.7
180.0	1.00	64.3	25.4
225.0	0.008	56.1	7.3
270.0	0.000	60.9	3.6
315.0	0.000	50.7	3.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 55 m

Proposal 25.14 dBu contour does not cross Canadian border

Distance to Canadian border: 215.6 km

Distance to Mexican border: 2087.3 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 212.7 degrees    Distance: 109.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 264.4 degrees    Distance: 1692.0 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%

---- Below is IX received by proposal BLANK0000152432 ----

Proposal receives 9.43% interference from scenario 1

Proposal receives 13.09% interference from scenario 2

No IX check failures found.