

Study created: 2017.10.28 08:57:59

Study build station data: LMS TV 2017-10-26 (56)

Proposal: WOTV D17 DT CP BATTLE CREEK, MI  
File number: Proposed  
Facility ID: 10212  
Station data: User record  
Record ID: 2015  
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
WOBC-CD	D16	DC	CP	BATTLE CREEK, MI	BLANK0000027730	40.1 km
WOBC-CD	D16	DC	BL	BATTLE CREEK, MI	DTVBL67001	40.1
WSMH	D16	DT	LIC	FLINT, MI	BLCDT20090804ABG	134.7
WYIN	D17	DT	LIC	GARY, IN	BLEDT20040206AAA	209.6
WBME-CD	D17	DC	CP	MILWAUKEE, WI	BLANK0000028177	209.4
WBME-CD	D17	DC	BL	MILWAUKEE, WI	DTVBL71422	209.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17  
Latitude: 42 34 15.00 N (NAD83)  
Longitude: 85 28 7.00 W  
Height AMSL: 584.8 m  
HAAT: 326.5 m  
Peak ERP: 325 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 1.0

39.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	325 kW	341.9 m	95.3 km
45.0	325	324.8	93.6
90.0	325	304.9	91.2
135.0	325	297.1	90.2
180.0	325	296.6	90.1
225.0	325	348.8	95.9
270.0	325	350.0	96.0
315.0	325	347.9	95.8

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

\*\*Proposal is within coordination distance of Canadian border  
Distance to Canadian border: 195.6 km

Distance to Mexican border: 2010.2 km

\*\*Proposal is within coordination distance of FCC monitoring station  
Conditions at FCC monitoring station: Allegan MI  
Bearing: 275.7 degrees Distance: 40.0 km  
ERP: 325 kW HAAT: 348.4 m Field strength: 78.2 dBu, 8.2 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 267.4 degrees    Distance: 1666.0 km

No land mobile station failures found

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.