

Study created: 2017.11.28 13:55:33

Study build station data: LMS TV 2017-11-28 (62)

Proposal: WWUP-TV D10 DT LIC SAULT STE. MARIE, MI
File number: WWUP 106kw Die THV-12A10 C140
Facility ID: 26993
Station data: User record
Record ID: 2422
Country: U.S.
Zone: II

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WWTW	D9	DT	LIC	CADILLAC, MI	BLCDT20091217ACZ	235.0 km
Yes	WBUP	D10	DT	LIC	ISHPEMING, MI	BLANK0000004980	295.4
No	WILX-TV	D10	DT	LIC	ONONDAGA, MI	BLCDT20120404ACG	403.8
Yes	WBKB-TV	D11	DT	LIC	ALPENA, MI	BLCDT20090623AAS	157.4
No	CITO-TV-1	D10	DT	LIC	KAPUSKASING, ON	BLANKCANADA178	392.5
No	CFPL-DT	D10	DT	LIC	LONDON, ON	BLANKCANADA184	412.3
No	CFGC-DT	D11	DT	LIC	SUDBURY, ON	BLANKCANADA224	246.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D10
Latitude: 46 3 36.00 N (NAD83)
Longitude: 84 5 57.00 W
Height AMSL: 562.8 m
HAAT: 369.4 m
Peak ERP: 106 kW
Antenna: THV-12A10 C140 140.0 deg
Elev Pattn: Generic
Elec Tilt: 0.75

36.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	39.4 kW	379.9 m	109.7 km
45.0	82.8	374.5	115.9
90.0	106	381.8	118.9
135.0	105	368.9	117.8
180.0	106	372.8	118.1
225.0	91.6	362.7	115.9
270.0	47.0	342.7	108.2
315.0	28.6	371.7	106.3

**Proposal is within coordination distance of Canadian border
Distance to Canadian border: 9.7 km

Distance to Mexican border: 2351.4 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 201.7 degrees Distance: 411.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 256.5 degrees Distance: 1829.0 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%

---- Below is IX received by proposal WWUP 106kw Die THV-12A ----

Proposal receives 0.70% interference from scenario 1

No IX check failures found.