

TVSTUDY INTERFERENCE ANALYSIS RESULTS
 PROPOSED WINM-DT
 CHANNEL 12 – ANGOLA, INDIANA

Study created: 2022.09.06 16:21:47

Study build station data: LMS TV 2022-08-28

Proposal: WINM D12 DT LIC ANGOLA, IN

File number: BLCDT20130711ABN

Facility ID: 67787

Station data: User record

Record ID: 22

Country: U.S.

Zone: I

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WLFI-TV	D11	DT	LIC	LAFAYETTE, IN	BLCDT20040520AIX	143.7 km
No	WGVU-TV	D11	DT	LIC	GRAND RAPIDS, MI	BLEDT20100827ABE	214.3
Yes	WTOL	D11	DT	LIC	TOLEDO, OH	BLANK0000164536	163.8
Yes	WBBM-TV	D12	DT	LIC	CHICAGO, IL	BLANK0000187049	221.0
No	WEHT	D12	DT	LIC	EVANSVILLE, IN	BLANK0000120480	413.6
Yes	WJRT-TV	D12	DT	LIC	FLINT, MI	BLANK0000185925	254.1
Yes	WKRC-TV	D12	DT	LIC	CINCINNATI, OH	BLANK0000157760	228.5
Yes	WMFD-TV	D12	DT	LIC	MANSFIELD, OH	BLCDT20081112ALJ	219.3
No	WLUK-TV	D12	DT	LIC	GREEN BAY, WI	BLANK0000162836	432.6
No	WBOY-TV	D12	DT	LIC	CLARKSBURG, WV	BLANK0000003150	459.5
No	WTHR	D13	DT	LIC	INDIANAPOLIS, IN	BLANK0000153712	155.1
No	WTHR	D13	DT	APP	INDIANAPOLIS, IN	BPCDT20130702ABM	155.1
No	WZZM	D13	DT	LIC	GRAND RAPIDS, MI	BLCDT20100726AKV	252.3
Yes	WTVG	D13	DT	LIC	TOLEDO, OH	BLANK0000143483	161.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D12

Latitude: 41 6 13.00 N (NAD83)

Longitude: 85 11 28.00 W

Height AMSL: 426.0 m

HAAT: 178.0 m

Peak ERP: 22.0 kW

Antenna: Alive ATC-BCE04M-V3-12 355.0 deg

Elev Pattn: Generic

Elec Tilt: 1.00

36.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	16.0 kW	167.2 m	87.2 km
45.0	21.8	179.0	90.2
90.0	19.3	188.6	90.2
135.0	11.9	185.5	86.5
180.0	9.12	188.1	84.9
225.0	10.9	178.8	85.4
270.0	9.86	166.8	83.8
315.0	9.67	167.2	83.7

**Proposal is within coordination distance of Canadian border

Distance to Canadian border: 195.8 km

Distance to Mexican border: 1928.4 km

Conditions at FCC monitoring station: Allegan MI

Bearing: 339.5 degrees Distance: 178.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 273.0 degrees Distance: 1689.6 km

Study cell size: 1.00 km

Profile point spacing: 0.50 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

No IX check failures found.