

FIGURE 3A FCC TVSTUDY SUMMARY REPORT AS AMENDED FOR ANTENNA ROTATION

PLEASE NOTE Study cell size: 1.00 km  
Profile point spacing: 0.10 km REQUESTED

Proposal: W13DS-D D13- LD APP CLEVELAND, OH  
File number: W13DS ROT 289  
Facility ID: 68016  
Station data: User record  
Record ID: 740  
Country: U.S.

Build options:  
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WMFD-TV	D12	DT	LIC	MANSFIELD, OH	BLANK0000222027	153.9 km
No	WICU-TV	D12	DT	LIC	ERIE, PA	BLANK0000074553	102.0
No	WBPA-LD	D12+	LD	LIC	PITTSBURGH, PA	BLANK0000125159	152.7
No	WBOY-TV	D12	DT	LIC	CLARKSBURG, WV	BLANK0000003150	257.4
No	WTHR	D13	DT	LIC	INDIANAPOLIS, IN	BLANK0000153712	464.6
No	WTHR	D13	DT	APP	INDIANAPOLIS, IN	BPCDT20130702ABM	464.6
No	WTSF	D13	DT	LIC	ASHLAND, KY	BLANK0000117277	363.2
No	WZZM	D13	DT	LIC	GRAND RAPIDS, MI	BLCDT20100726AKV	442.8
No	WNYI	D13	DT	LIC	ITHACA, NY	BLANK0000181680	408.2
No	WDSS-LD	D13	LD	LIC	SYRACUSE, NY	BLANK0000157036	408.2
Yes	WIVX-LD	D13	LD	LIC	CLEVELAND, OH	BLANK0000219037	60.8
Yes	WTVG	D13	DT	LIC	TOLEDO, OH	BLANK0000143483	194.3
Yes	W13DP-D	D13	LD	LIC	YOUNGSTOWN, OH	BLANK0000090576	62.1
No	WVFX	D13	DT	LIC	CLARKSBURG, WV	BLANK0000179139	255.4
No	WWPX-TV	D13	DT	LIC	MARTINSBURG, WV	BLANK0000117578	378.7

No non-directional AM stations found within 0.8 km  
No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D13-  
Mask: Full Service  
Latitude: 41 31 40.80 N (NAD83)  
Longitude: 81 5 5.50 W  
Height AMSL: 458.2 m  
HAAT: 0.0 m  
Peak ERP: 3.00 kW  
Antenna: DIE-THA-MC2 (ID 38092) 289.0 deg  
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.79 kW	88.4 m	43.2 km
45.0	0.373	123.3	34.4
90.0	0.000	162.1	1.5
135.0	0.000	140.9	1.5
180.0	0.657	93.0	34.2
225.0	2.94	93.2	44.4
270.0	1.12	86.6	36.7
315.0	1.51	94.5	40.1

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 110 m

\*\*Proposal 21.00 dBu contour crosses Canadian border, coordination required  
Distance to Canadian border: 76.7 km

Distance to Mexican border: 2238.8 km

Conditions at FCC monitoring station: Canandaigua NY  
Bearing: 62.6 degrees Distance: 350.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 273.7 degrees Distance: 2029.1 km

Study cell size: 1.00 km  
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

Proposal causes 1.93% interference to BLANK0000219037 LIC scenario 1  
Proposal causes 0.00% interference to BLANK0000143483 LIC scenario 4  
Proposal causes 1.83% interference to BLANK0000090576 LIC scenario 1

---- Below is IX received by proposal W13DS ROT 289 ----

Proposal receives 16.12% interference from scenario 1  
No IX check failures found.