

Study created: 2018.03.29 14:27:43

Study build station data: LMS TV 2018-03-27 (70)

Proposal: WIVM-LD D25 LD LIC CANTON, OH
File number: BLDTL20110325AAS
Facility ID: 25704
Station data: User record
Record ID: 221
Country: U.S.

Build options:
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	
Distance						
WUEK-LD	D25	LD	LIC	Cleveland, OH	BLANK0000007812	49.2
km						
KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	110.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
Mask: Full Service
Latitude: 40 53 55.00 N (NAD83)
Longitude: 81 12 36.00 W
Height AMSL: 469.3 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: SIRA 60.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	112.8 m	4.3 km
45.0	0.004	148.5	10.0
90.0	0.006	117.1	9.7
135.0	0.000	94.8	4.0
180.0	0.006	106.0	9.4
225.0	1.35	127.2	34.2
270.0	2.32	115.0	36.2
315.0	0.032	119.0	15.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 118 m

Distance to Canadian border: 131.6 km

Distance to Mexican border: 2194.2 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 54.2 degrees Distance: 395.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 275.6 degrees Distance: 2024.3 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%

Proposal receives 16.92% interference from scenario 1

Proposal receives 18.63% interference from scenario 2

No IX check failures found.