

Study created: 2017.09.15 04:48:10

Study build station data: LMS TV 2017-09-14 (42)

Proposal: WFXV D34 DT CP UTICA, NY
File number: BLANK0000028407
Facility ID: 43424
Station data: User record
Record ID: 1278
Country: U.S.
Zone: I

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WTIC-TV	D34	DT	CP	HARTFORD, CT	BLANK0000025068	250.3 km
WTIC-TV	D34	DT	BL	HARTFORD, CT	DTVBL147	250.2
WFXT	D34	DT	CP	BOSTON, MA	BLANK0000027179	336.4
WFXT	D34	DT	BL	BOSTON, MA	DTVBL6463	336.4
WKBW-TV	D34	DT	CP	BUFFALO, NY	BLANK0000026789	286.1
WKBW-TV	D34	DT	BL	BUFFALO, NY	DTVBL54176	286.1
WPXN-TV	D34	DT	CP	NEW YORK, NY	BLANK0000027363	286.9
WPXN-TV	D34	DT	BL	NEW YORK, NY	DTVBL73356	286.9
WSWB	D34	DT	CP	SCRANTON, PA	BLANK0000027930	195.3
WSWB	D34	DT	BL	SCRANTON, PA	DTVBL73374	195.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34
Latitude: 43 8 41.10 N (NAD83)
Longitude: 75 10 32.20 W
Height AMSL: 492.9 m
HAAT: 243.5 m
Peak ERP: 1000 kW
Antenna: Dielectric C170 60.0 deg
Elev Pattn: Generic
Elec Tilt: 1.0

40.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	976 kW	222.3 m	86.1 km
45.0	815	196.4	82.2
90.0	841	133.6	77.1
135.0	988	303.6	97.8
180.0	346	210.4	78.3
225.0	48.2	310.5	75.5
270.0	47.5	324.4	76.6
315.0	630	246.9	85.0

**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: 141.7 km

Distance to Mexican border: 2741.8 km

Conditions at FCC monitoring station: Canandaigua NY
Bearing: 262.1 degrees Distance: 171.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 272.7 degrees Distance: 2504.2 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%

Proposal receives 1.38% interference from scenario 1
Proposal receives 1.42% interference from scenario 2
Proposal receives 1.38% interference from scenario 3
Proposal receives 1.42% interference from scenario 4
Proposal receives 1.38% interference from scenario 5
Proposal receives 1.42% interference from scenario 6
Proposal receives 1.38% interference from scenario 7
Proposal receives 1.42% interference from scenario 8
No IX check failures found.