

Study created: 2018.06.19 14:59:55

Study build station data: LMS TV 2018-06-18

Proposal: WROC-TV D21 DT CP ROCHESTER, NY
File number: BLANK0000034937
Facility ID: 73964
Station data: User record
Record ID: 1956
Country: U.S.
Zone: I

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WBGH-CD	D20z	DC	LIC	BINGHAMTON, NY	BLANK0000004524	179.7 km
Yes	WCNY-TV	D20	DT	CP	SYRACUSE, NY	BLANK00000028027	120.9
No	WEDW	D21	DT	CP	BRIDGEPORT, CT	BLANK00000034869	404.4
No	WEDW	D21	DD	APP	BRIDGEPORT, CT	BLANK00000036047	404.4
No	WMPT	D21	DT	CP	ANNAPOLIS, MD	BLANK00000029874	465.8
No	WFPT	D21	DT	BL	FREDERICK, MD	DTVBL40626	431.3
No	WWJ-TV	D21	DT	CP	DETROIT, MI	BLANK00000025826	462.2
Yes	WSEE-TV	D21	DT	CP	ERIE, PA	BLANK00000034791	236.7
No	WPNT	D21	DT	CP	PITTSBURGH, PA	BLANK00000034376	355.4
No	WXXI-TV	D22	DT	CP	ROCHESTER, NY	BLANK00000029838	0.0
No	WOLF-TV	D22	DT	CP	HAZLETON, PA	BLANK00000027934	258.9
No	CBLT-DT	D20	DT	LIC	TORONTO, ON	BLANKCANADA234	156.2
Yes	CICO-DT-92	D21	DT	LIC	CLOYNE, ON	BLANKCANADA168	196.3
Yes	CFTO-TV-21	D21	DT	LIC	ORILLIA, ON	BLANKCANADA195	250.8
No	CBMT-DT	D21	DT	LIC	MONTRAL, QC	BLANKCANADA276	412.4
No	CICO-DT-53	D22	DT	LIC	BELLEVILLE, ON	BLANKCANADA164	134.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21
Latitude: 43 8 8.30 N (NAD83)
Longitude: 77 35 1.30 W
Height AMSL: 269.6 m
HAAT: 123.2 m
Peak ERP: 1000 kW
Antenna: MCI-9552510 346.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

39.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	19.9 kW	162.4 m	61.7 km
45.0	446	157.7	77.1
90.0	576	130.1	76.2
135.0	630	114.4	75.3
180.0	501	83.4	69.6
225.0	724	104.3	74.9
270.0	794	100.1	75.0
315.0	141	133.1	68.9

**Proposal is within coordination distance of Canadian border
Distance to Canadian border: 84.1 km

Distance to Mexican border: 2577.3 km

**Proposal is within coordination distance of FCC monitoring station
Conditions at FCC monitoring station: Canandaigua NY
Bearing: 133.6 degrees Distance: 35.7 km
ERP: 652 kW HAAT: 113.0 m Field strength: 74.6 dBu, 5.4 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 271.2 degrees Distance: 2309.0 km

No land mobile station failures found

Study cell size: 2.00 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%

No IX check failures found.