

Study created: 2020.02.06 12:56:03 JMc

Study build station data: LMS TV 2020-02-06

Proposal: WWHC-LP D20 LD CP OLEAN, NY  
File number: BLANK0000034997  
Facility ID: 10868  
Station data: User record  
Record ID: 701  
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  | W20BL-D | D19  | LD  | CP     | BATH, NY         | BLANK0000053061    | 86.9 km  |
| No  | WECY-LD | D19  | LD  | CP     | Elmira, NY       | BLANK0000053150    | 182.5    |
| No  | WSTM-TV | D19  | DT  | LIC    | SYRACUSE, NY     | BLANK0000090187    | 200.8    |
| No  | W19EI-D | D19  | LD  | CP     | DUBOIS, PA       | BNPDTL20100609AGG  | 137.8    |
| No  | WEPA-LD | D19  | LD  | CP     | ERIE, PA         | BNPDTL20100714ACL  | 141.0    |
| No  | WTVS    | D20  | DT  | CP     | DETROIT, MI      | BLANK0000027886    | 378.5    |
| No  | WHNE-LD | D20  | LD  | LIC    | DETROIT, MI      | BLDTL20140922ADJ   | 378.5    |
| Yes | W20BL-D | D20  | LD  | LIC    | BATH, NY         | BLDTL20120315AAG   | 119.0    |
| No  | WBGH-CD | D20z | DC  | LIC    | BINGHAMTON, NY   | BLANK0000004524    | 227.1    |
| No  | WNGJ-LP | D20  | LD  | CP     | OGDENSBURG, NY   | BDFCDTL20111222AWT | 329.3    |
| No  | WNGJ-LP | N20- | TX  | LIC    | OGDENSBURG, NY   | BLTTL20110318AEZ   | 329.3    |
| No  | W20CM   | D20- | LD  | CP     | PORT JERVIS, NY  | BLANK0000056338    | 364.9    |
| No  | W20CM   | N20- | TX  | LIC    | PORT JERVIS, NY  | BLTTL20071129AIS   | 354.3    |
| Yes | WAWW-LP | N20- | TX  | LIC    | ROCHESTER, NY    | BLTTL20121029AAV   | 92.1     |
| Yes | WCNY-TV | D20  | DT  | LIC    | SYRACUSE, NY     | BLANK0000105277    | 200.8    |
| No  | WLFM-LP | D20z | LD  | CP     | CLEVELAND, OH    | BLANK0000054824    | 298.6    |
| No  | W20CP-D | D20  | LD  | LIC    | MANSFIELD, PA    | BLANK0000091020    | 171.8    |
| No  | WPGH-TV | D20  | DT  | LIC    | PITTSBURGH, PA   | BLANK0000093771    | 274.6    |
| No  | W20EI-D | D20  | LD  | LIC    | TOWANDA, PA      | BLANK0000098203    | 206.3    |
| No  | W20AD-D | D20  | LD  | LIC    | WILLIAMSPORT, PA | BLDTT20090810AAD   | 206.6    |
| No  | WAZT-CD | D20  | DC  | LIC    | VIENNA, VA       | BLANK0000081642    | 402.7    |
| Yes | WROC-TV | D21  | DT  | LIC    | ROCHESTER, NY    | BLANK0000079899    | 92.2     |
| No  | WDSS-LD | D21  | LD  | CP     | SYRACUSE, NY     | BLANK0000072128    | 202.0    |
| No  | W21DO-D | D21  | LD  | CP     | DUBOIS, PA       | BNPDTL20100609AGH  | 137.8    |
| No  | WSEE-TV | D21  | DT  | LIC    | ERIE, PA         | BLANK0000074552    | 144.5    |
| No  | WPNT    | D21  | DT  | LIC    | PITTSBURGH, PA   | BLANK0000093882    | 274.6    |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D20  
Mask: Full Service  
Latitude: 42 43 7.00 N (NAD83)  
Longitude: 78 33 46.00 W  
Height AMSL: 618.3 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: Omnidirectional  
Elev Pattnr: Generic

Elec Tilt: 0.75

49.4 dBu contour:

| Azimuth | ERP     | HAAT    | Distance |
|---------|---------|---------|----------|
| 0.0 deg | 15.0 kW | 326.9 m | 58.9 km  |
| 45.0    | 15.0    | 260.3   | 55.2     |
| 90.0    | 15.0    | 201.6   | 51.8     |
| 135.0   | 15.0    | 208.1   | 52.2     |
| 180.0   | 15.0    | 185.5   | 50.9     |
| 225.0   | 15.0    | 179.7   | 50.5     |
| 270.0   | 15.0    | 273.1   | 55.9     |
| 315.0   | 15.0    | 348.0   | 60.0     |

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 248 m

\*\*Proposal 24.36 dBu contour crosses Canadian border, coordination required

Distance to Canadian border: 32.8 km

Distance to Mexican border: 2485.1 km

Conditions at FCC monitoring station: Canandaigua NY

Bearing: 78.0 degrees    Distance: 107.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 271.7 degrees    Distance: 2230.6 km

No land mobile station failures found

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%

No IX check failures found.