

Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

STEVEN D. RITCHIE
7729 AKRON ROAD
LOCKPORT, NY, 14094

Call Sign	File Number
WBXZ-LD	0000052532

Facility ID: 14317

NTSC TSID: 8764

Digital TSID: 8765

This Permit Modifies License File No. BLDTL-20140501AAD

Grant Date 02/12/2020		Expiration Date 07/13/2021	
Hours of Operation Unlimited			
Station Location City BUFFALO State NY		Frequency (MHz) 524.0 - 530.0	Station Channel 23

Antenna Structure Registration Number 1047635	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 42-52-48.5 N Longitude 78-52-35.1 W	Antenna Type Directional
Description of Antenna Make ATC Model ATC-BCC48C3SR-V2-23	Major Lobe Directions 80.0 90.0 100.0 110.0 120.0
Antenna Beam Tilt (Degrees Electrical) 1.0	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK	
Height of Radiated Center Above Ground (Meters) 167	Height of Radiated Center Above Mean Sea Level (Meters) 351.4
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

