

Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

CTB SPECTRUM SERVICES TWO, LLC
7829 Center Blvd. SE
No. 190
Snoqualmie, WA, 98065

Call Sign	File Number
W20EV-D	0000158719

Facility ID: 184808**NTSC TSID:****Digital TSID:****This License Covers Construction
Permit No.**

0000151171

Grant Date 09/08/2021		Expiration Date 10/01/2029
Hours of Operation Unlimited		
Station Location City HOUGHTON LAKE State MI	Frequency (MHz) 506.0 - 512.0	Station Channel 20

Antenna Structure Registration Number	
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 44-19-48 N Longitude 84-48-52 W	Antenna Type Directional
Description of Antenna Make KAT Model CL-1469B	Major Lobe Directions 180.0
Antenna Beam Tilt (Degrees Electrical) Not Applicable	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 4 kW 6.02 DBK	
Height of Radiated Center Above Ground (Meters) 12	Height of Radiated Center Above Mean Sea Level (Meters) 364
Out-Of-Channel Emission Mask Stringent	Overall Height of Antenna Structure Above Ground (Meters) 13

Waivers/Special Conditions

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.