

Federal Communications Commission

AM STATION LICENSE

Licensee/Permittee

RADIO VERMONT, INC.
P.O. BOX 550
WATERBURY, VT, 05676

Call Sign

WDEV

Facility ID

54866

File Number 0000226386	This License Modifies License No. BL-20050811ACV		
Filing Date 11/15/2023	Grant Date 05/02/2024	Expiration Date 04/01/2030	
Description Text Verizon Wireless has removed antennas, transmission lines and isocouplers from tower #1 which impacted the WDEV nighttime directional pattern. Thus, the station is relicensing per Method of Moments.			
Community of License City: Waterbury State: VT	Frequency (KHz) 550	Station Class B	Service Type Main
Facility Type Commercial			
Hours of Operation Daytime Nighttime			
Station Antenna Modes/Antenna Types Daytime: Directional Nighttime: Directional			

Average Hours of Sunrise and Sunset
Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	7:30	16:30
February	6:45	17:15
March	6:00	18:00
April	5:15	18:30
May	4:30	19:15
June	4:00	19:30
July	4:15	19:30
August	4:45	19:00
September	5:30	18:00
October	6:00	17:15
November	6:45	16:30
December	7:15	16:15

Transmitter

Type Accepted. See Sections 73.1660, 73.1665, and 73.1670 of the Commission's Rules

Antenna Mode: Daytime

Antenna Type: Directional

Antenna Coordinates (NAD 83) Latitude 44° 21' 17.2" N Longitude 72° 45' 5.4" W	Nominal Power (kW) 5.000 Antenna Input Power (kW) 5.400 Current (Amperes) 10.39 Resistance (Ohms) 50																					
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Augmentation Parameters

Aug. No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	13	20.0	193.10
2	100	58	1013.9
3	129	58.0	1062.20
4	203.0	70.0	643.7
5	245.0	20.0	193.10

Monitoring Points

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
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Operating Parameters

Tower	Antenna monitor current sample or voltage sample ratio	Antenna monitor phase indication (degree)
1	1.000	0.0
2	1.439	142.1

Antenna Mode: Nighttime

Antenna Type: Directional

Antenna Coordinates (NAD 83) Latitude 44° 21' 17.2" N Longitude 72° 45' 5.4" W	Nominal Power (kW) 1.000 Antenna Input Power (kW) 2.268 Current (Amperes) 6.73 Resistance (Ohms) 50																												
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Augmentation Parameters

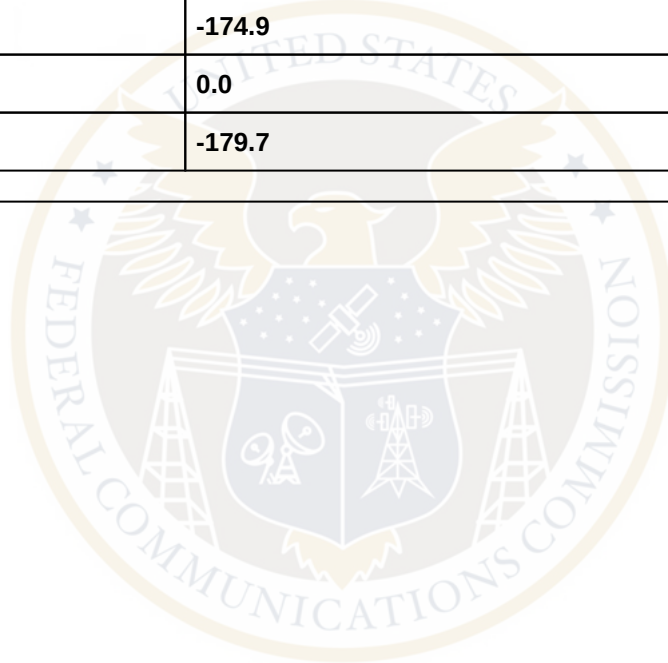
Aug. No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	243.0	22	88.5
2	243.0	10	103.0

Monitoring Points

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
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Operating Parameters

Tower	Antenna monitor current sample or voltage sample ratio	Antenna monitor phase indication (degree)
1	0.553	-174.9
2	1.000	0.0
3	0.732	-179.7



Special operating conditions or restrictions

The permittee /licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- Ground System consists of 120-243.9 m equally, spaced buried copper radials except tower highway where minimum length is 137.2 m.
- The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.