

Federal Communications Commission

FM STATION LICENSE

Permittee

PUBLIC BROADCASTING OF COLORADO,
INC.
BRIDGES BROADCAST CENTER
7409 SOUTH ALTON COURT
CENTENNIAL, CO, 80112

Call Sign	Facility ID
KVOQ	37028

File Number 0000141833	This License Covers Construction Permit No. 0000137057	
Filing Date 03/30/2021	Grant Date 04/12/2021	Expiration Date 04/01/2029

Community of License City: GREENWOOD VILLAGE State: CO	Frequency (MHz) 102.3	Station Channel 272	Station Class A
---	---------------------------------	-------------------------------	---------------------------

Hours of Operation: Unlimited

Facility Type: Noncommercial Educational

Transmitter Certified for Compliance. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power 0.240 kW
--	---

Antenna Type Directional	Antenna Coordinates (NAD 83) Latitude 39-43-59.0 N Longitude 105-14-12.0 W
------------------------------------	---

Antenna Description ERI,1082-8CP-DA,8 sections,0.8

Major Lobe Directions
Not Applicable

	Horizontally Polarized Antenna	Vertically Polarized Antenna
--	---------------------------------------	-------------------------------------

Effective Radiated Power in the Horizontal Plane (kW)	1.45	1.45
Height of Radiation Center Above Ground (meters)	49	49
Height of Radiation Center Above Mean Sea Level (meters)	2256	2256
Height of Radiation Center Above Average Terrain (meters)	204	204

Antenna Structure Registration Number 1033691	Overall Height of Antenna Structure Above Ground (meters) See the registration for this antenna structure.
---	--

Obstruction Marking and Lighting Specifications for Antenna Structure
See the registration for this antenna structure.

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.

- The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based on the use of the antenna specified herein. If the licensee makes any changes in the facilities via a modification of license application in accordance with 47 C.F.R. § 73.1690(c), the subsequent FCC application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by Construction Permit File No. 0000137057. A relative field strength of 1.0 on the composite radiation pattern authorized by Construction Permit File No. 0000137057 corresponds to the following effective radiated power: 1.45 kilowatts. Principal minima and their associated field strength limits: 230 to 310 degrees True (clockwise): 0.364 kilowatt.

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.

