

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

MONTANA STATE UNIVERSITY
ROOM 183
VSB
BOZEMAN, MT, 59717

Call Sign	File Number
KUHM-TV	0000004580

Facility ID: 68717

NTSC TSID: 1764

Digital TSID: 1765

This License Modifies License No.: 0000001180

Grant Date 09/18/2015		Expiration Date 04/01/2022
Hours of Operation Unlimited		
Station Location City HELENA State MT	Frequency (MHz) 560.0 - 566.0	Station Channel 29
Facility Type Noncommercial Educational		

Antenna Structure Registration Number	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 46-49-29.4 N Longitude 111-42-15.6 W	Antenna Type Directional
Description of Antenna Make RFS Model LPR8DM-2540	

Antenna Beam Tilt (Degrees Electrical) Not Applicable	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 23.0	Maximum Effective Radiated Power (Average) 43.4 kW 16.37 DBK
Height of Radiated Center Above Ground (Meters) 12.2	Height of Radiated Center Above Mean Sea Level (Meters) 2369.2
Height of Radiated Center Above Average Terrain (Meters) 646.1	Overall Height of Antenna Structure Above Ground (Meters) 44.5

Waivers/Special Conditions

- None

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.