

Justification for Extraordinary Circumstances

Educational Media Foundation (EMF) respectfully requests a variance from the KLWV licensed parameters. The KLWV antenna combiner needs replacement and is preventing the transmitter from operating into the KLWV antenna.

EMF is requesting to operate a temporary single bay omni directional antenna at the licensed location while repairs are completed to the damaged antenna combiner. Note that the proposed STA service contour at no point extends beyond the licensed service contour as seen in Exhibit 1-A.

EMF plans to move forward as quickly as possible with the replacement of the antenna combiner. A grant of this Special Temporary Authorization is in the public interest as a portion of the KLWV listeners who depend on its programming will be able to continue to be served.

KLWV Proposed ENG STA Parameters:

Antenna Structure Registration Number: NA

Site Locations: 41-18-35.9 N 105-27-18.9 W (NAD 83)

Site Elevation: 2688m

Structure Overall Height: 61m

Antenna Center of Radiation Above Ground Level: 30m

Antenna Center of Radiation Above Mean Sea Level: 2718m

Antenna Center of Radiation Height Above Average Terrain: 318.3m

Effective Radiated Power: 1kw

Antenna: AAT IV-CP single bay

- KLWV Main (215)
- KLWV STA (215)

KLWV Chugwater, WY Main and Proposed STA Contours

Exhibit 1-A

KLWV Main

0000166073
 Latitude: 41-18-35.90 N
 Longitude: 105-27-18.90 W
 ERP: 100.00 kW
 Channel: 215
 Frequency: 90.9 MHz
 AMSL Height: 2736.0 m
 Elevation: 2688.0 m
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

KLWV STA

0000166073
 Latitude: 41-18-35.90 N
 Longitude: 105-27-18.90 W
 ERP: 1.00 kW
 Channel: 215
 Frequency: 90.9 MHz
 AMSL Height: 2718.0 m
 Elevation: 2688.0 m
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

