

APPLICATION FOR NEW STATION LICENSE
LEGEND COMMUNICATIONS OF WYOMING, LLC
KLGT (FM) RADIO STATION
CH 225C1 - 92.9 MHZ - 100.0 KW
BUFFALO, WYOMING
March 2003

EXHIBIT A

KLGT Transmission System Calculations

Effective Radiated Power:

| | |
|------------|-----------------|
| Horizontal | 100.0 kilowatts |
| Vertical | 100.0 kilowatts |

Antennas:

ERI SHP-8AE
8 bay full wavelength
4.4872

Horizontal Gain

Transmission Line:
(455 feet)

Andrew HJ11-50
4 inch air dielectric (flex)
89.2 efficiency

Required Transmitter Power Output
To Reach Effective Radiated Power:

24.98 kilowatts

Facilities Authorized:

Channel 225C1 - 92.9 MHz

Effective Radiated Power:

100.0 kilowatts (H/V)

Antenna Center of Radiation:

| | |
|--------------|---------------|
| Above Ground | 140.0 meters |
| Above MSL | 1701.0 meters |
| HAAT | 109.0 meters |

FCC Tower Registration Number:

1236144