

**APPLICATION FOR STATION LICENSE**  
**MARCOS RODRIGUEZ**  
**K266AK FM TRANSLATOR**  
**CH 266D - 101.1 MHZ - 0.01 KW**  
**ASPEN, COLORADO**  
**October 2005**

**EXHIBIT A**

**K266AK Transmission System Calculations**

Effective Radiated Power:

Horizontal

0.01 kilowatt

Vertical

0.01 kilowatt

Antenna:

Shively Labs

6812-1

1 bay antenna

Antenna System Power Gain

0.46

Transmission Line:

(90 feet)

Andrew LDF4-50A

1/2 inch foam dielectric

86.7% Efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power:

0.025 kilowatt (25 watts)

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Facilities Authorized:

Channel 266D - 101.1 MHz

Effective Radiated Power:

0.01 kilowatt (H/V)

Geographic Coordinates:

North Latitude 39° 13' 16"

West Longitude 106° 48' 47"

Antenna Center of Radiation:

Above Ground 21.0 meters

Above MSL 3198.0 meters

Antenna Structure Registration #:

1029228