

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
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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