

APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
KOMS RADIO STATION
CH 297C - 107.3 MHZ - 100.0 KW
POTEAU, OKLAHOMA
June 2009

EXHIBIT A

KOMS Transmission System Calculations

Effective Radiated Power:	100.0 kilowatts (H/V)
Antenna:	Shively Labs - Model 6813 12 bay full wavelength spaced antenna
Antenna gain:	6.85
Transmission Line: (153 feet)	Cablewave Systems - HCC30050J 3 inch air dielectric 95.5% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	15.286 kilowatts

Facilities Authorized:	Channel 297C - 107.3 MHz
Effective Radiated Power:	100.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 34° 57' 47" West Longitude 94° 22' 31"
Antenna Center of Radiation:	Above Ground 42.0 meters Above MSL 853.0 meters HAAT 577.0 meters
Antenna Structure Registration #:	N/A