

**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

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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