

**APPLICATION FOR STATION LICENSE**  
**CUMULUS LICENSING LLC**  
**KQXC-FM RADIO STATION**  
**AUXILIARY ANTENNA SYSTEM**  
**CH 280C2 - 103.9 MHZ - 5.4 KW**  
**WICHITA FALLS, TEXAS**  
**August 2009**

**EXHIBIT A**

**KQXC-FM Transmission System Calculations**

Effective Radiated Power:	5.4 kilowatts (H/V)
Antenna:	Jampro Antennas JLLP-4 4 bay full wavelength spaced
Power gain:	2.1
Transmission Line: (300 feet)	Andrew Corporation HJ7-50A 1 5/8 inch air dielectric 86.4% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	2.976 kilowatts

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Facilities Authorized:	Channel 280C2 - 103.9 MHz
Effective Radiated Power:	5.4 kilowatts (H/V)
Geographic Coordinates:	North Latitude 33° 56' 30" West Longitude 98° 34' 06"
Antenna Center of Radiation:	Above Ground 93.0 meters Above MSL 398.0 meters HAAT 94.0 meters
Antenna Structure Registration #:	1049791