

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

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