

APPLICATION FOR STATION LICENSE
CMP KC LICENSING, LLC
KIOL (FM) RADIO STATION
CH 279C - 103.7 MHZ - 12.5 KW
LA PORTE, TEXAS
June 2007

EXHIBIT A

KIOL Transmission System Calculations

Effective Radiated Power:

Horizontal	12.5 kilowatts
Vertical	12.5 kilowatts

Antenna:	Dielectric - Model DCR-H4E
	4 bay full wavelength spaced
Horizontal gain	2.1

Transmission Line:	Andrew HJ7-50A
(500 feet)	1 5/8 inch air dielectric
	78.4% efficiency

Required Transmitter Power Output To Reach Effective Radiated Power:	7.592 kilowatts
-------------------------------------------------------------------------	-----------------

Facilities Authorized:	Channel 279C - 103.9 MHZ
Effective Radiated Power:	12.5 kilowatts (H/V)
Geographic Coordinates:	North Latitude 29° 46' 06" West Longitude 95° 01' 04"
Antenna Center of Radiation:	Above Ground 137.0 meters Above MSL 146.0 meters HAAT 141.0 meters
Antenna Structure Registration #:	1009802