

APPLICATION FOR STATION LICENSE
FAMILY BROADCASTING GROUP, INC.
KXOC-LP TELEVISION STATION
CH 41Z - 150.0 KW
OKLAHOMA CITY, OKLAHOMA
February 2006

EXHIBIT A

KXOC-LP Transmission System Calculations

Effective Radiated Power:	
Horizontal	150.0 kilowatts (main beam) 48.8 kilowatts (horizon)

Antenna:	Andrew Corporation ALP32L5-HSN-41
Horizontal Power Gain	120.38

Transmission Line:	Andrew HJ12-50
(1,160 feet)	2 1/4 inch air dielectric 29.6% Efficiency

Required Transmitter Power Output To Reach Effective Radiated Power:	4.209 kilowatts
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Facilities Authorized:	Channel 41Z (632-638 MHz)
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Effective Radiated Power:	150.0 kilowatts (H)
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Geographic Coordinates:	North Latitude 35° 35' 52"
	West Longitude 97° 29' 22"

Antenna Center of Radiation:	Above Ground 305.0 meters
	Above MSL 641.4 meters

Antenna Structure Registration #:	1045226
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