

APPLICATION FOR STATION LICENSE
DOUBLE O TEXAS CORPORATION
KMCM (FM) RADIO STATION
CH 245C1 - 96.9 MHZ - 100.0 KW
ODESSA, TEXAS
June 2006

EXHIBIT A

KMCM Transmission System Calculations

Effective Radiated Power:	
Horizontal	100.0 kilowatts
Vertical	100.0 kilowatts
Antenna:	Phelps-Dodge CFM-H-10
	10 bay full wavelength antenna
Horizontal gain	5.5
Transmission Line:	Cablewave HCC 300-50J
(445 feet)	3 inch air dielectric
	88.0% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	20.661 kilowatts

Facilities Authorized:	Channel 248C1 - 96.9 MHz
Effective Radiated Power:	100.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 32° 05' 08"
	West Longitude 102° 17' 11"
Antenna Center of Radiation:	Above Ground 138 meters
	Above MSL 1,025 meters
	HAAT 138 meters
Antenna Structure Registration #:	1050126