

APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
KGEE (FM) RADIO STATION
CH 247A - 97.3 MHZ - 0.30 KW
PECOS, TEXAS
March 2008

EXHIBIT A

KGEE Transmission System Calculations

Effective Radiated Power:	
Horizontal	0.30 kilowatt
Vertical	0.30 kilowatt
Antenna:	Dielectric Antennas DCR-L1E 1 bay full wavelength spaced antenna
Horizontal gain	0.46
Transmission Line:	Dielectric FLF-20
(120 feet)	7/8 inch foam dielectric 90.3% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.7222 kilowatt (722.2 watts)

Facilities Authorized:	Channel 247A - 97.3 MHZ
Effective Radiated Power:	0.30 kilowatt (H/V)
Geographic Coordinates:	North Latitude 31° 25' 07" West Longitude 103° 30' 58"
Antenna Center of Radiation:	Above Ground 24.0 meters Above MSL 817.0 meters HAAT 21.0 meters
Antenna Structure Registration #:	N/A